

NEW JERSEY.

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GENERAL STATISTICS.

General character of the state.—The gross area of New Jersey is 8,224 square miles, of which 710 represent water surface. The inhabitants of the state in 1900 numbered 1,883,669 and in 1910, 2,537,167, and it is estimated that the population in 1914 was 2,815,663. It ranks only forty-fifth in area, but is the third most densely populated state in the Union, the density being 374.7 per square mile in 1914, as compared with 337.7 in 1910.

The urban population in 1910—that is, the population residing in cities and towns of 2,500 inhabitants or more—was 1,907,210, or 75.2 per cent of the total, as compared with 70.6 per cent in 1900. In 1914 the state had 10 cities of more than 50,000 inhabitants, namely, Newark, Jersey City, Paterson, Trenton, Camden, Elizabeth, Hoboken, Passaic, Bayonne, and Atlantic City. There were also 24 cities and other incorporated places of between 10,000 and 50,000 inhabitants. Statistics of manufactures for West Orange, a town having over 10,000 inhabitants, are included with those for the outside districts. The 33 incorporated places, for which statistics are shown separately, had an estimated population of 1,837,804 in 1914, or 65.3 per cent of the total population of the state, and reported 77.5 per cent of the total value of its manufactured products.

New Jersey owes its industrial prominence largely to its favorable geographic position and to its excel-

lent transportation facilities. The proximity of the state to the coal fields of Pennsylvania and to the markets of the North Atlantic seaboard have been factors in its industrial development. The steam-railway mileage in 1914 was 2,312 and the electric-railway mileage in 1912 (length of road) was 1,230. In addition, the establishment and growth of many important industries are directly traceable to the transportation facilities provided by New York Harbor and the Delaware River.

Agriculture is highly developed in certain sections of the state. The total value of all farm crops in 1909 was \$40,340,491, the most important being vegetables, \$14,073,467; cereals, \$9,797,937; and hay and forage, \$7,627,402.

Importance and growth of manufactures.—In value of manufactured products, and in the average number of wage earners, New Jersey ranked sixth in 1914 and 1909. The output of manufactured products, valued at \$1,406,633,414 in 1914, represented 5.8 per cent of the total for the United States; the corresponding proportions for 1909 were 5.5 per cent, and 1904, 5.2 per cent.

Table 1 summarizes the more important data relative to all classes of manufactures combined in the state of New Jersey, for the censuses of 1914, 1909, 1904, and 1899, together with the percentages of increase from census to census.

Table 1	MANUFACTURING INDUSTRIES.				PER CENT OF INCREASE.		
	1914	1909	1904	1899	1909-1914	1904-1909	1899-1904
Number of establishments.....	9,742	8,817	7,010	6,415	10.5	25.8	9.3
Persons engaged.....	431,003	371,265	296,262	(1)	16.1	25.3	.....
Proprietors and firm members.....	8,342	8,204	6,730	(1)	1.7	21.9	.....
Salaried employees.....	49,056	36,838	23,196	15,361	33.2	58.8	51.0
Wage earners (average number).....	373,605	326,223	266,336	213,975	14.5	22.5	24.5
Primary horsepower.....	793,069	612,293	436,274	322,503	29.5	40.3	35.3
Capital.....	\$1,352,381,873	\$977,172,141	\$715,060,174	\$477,301,665	38.4	36.7	49.8
Salaries and wages.....	280,984,004	218,046,366	157,125,529	114,222,611	28.9	38.8	37.6
Salaries.....	69,847,544	48,336,333	28,956,728	19,057,698	44.5	66.9	51.9
Wages.....	211,136,460	169,710,033	128,168,801	95,164,913	24.4	32.4	34.7
Paid for contract work.....	9,380,405	8,445,253	5,221,402	(1)	11.1	61.7	.....
Rent and taxes (including internal revenue).....	23,515,537	18,399,060	4,835,603	(1)	27.8	.....	.....
Cost of materials.....	833,464,594	720,033,399	470,449,176	334,726,094	22.7	53.1	40.5
Value of products.....	1,406,633,414	1,145,529,676	774,369,025	553,005,684	22.8	47.9	40.0
Value added by manufacture (value of products less cost of materials).....	523,168,820	425,495,677	303,919,849	218,279,590	23.0	40.0	39.2

¹ Figures not available.

* Exclusive of internal revenue.

The manufacturing activities in the state have steadily increased during the fifteen years covered by the table, the period of greatest progress having been from 1904 to 1909. From 1909 to 1914, the largest increases are shown for salaries and capital, 44.5 and 38.4 per cent, respectively. Percentages of increase in the value of products, cost of materials,

and average number of wage earners indicate the manufacturing development of the state.

Table 2 shows the relative importance of the leading manufacturing industries in 1914, and gives percentages of increase for the three five-year periods from 1899 to 1914.

Table 2

INDUSTRY.	CENSUS OF 1914.							PER CENT OF INCREASE. ¹								
	Number of establishments.	Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1900-1914	1904-1909	1899-1904	1900-1914	1904-1909	1899-1904	1900-1914	1904-1909	1899-1904
All industries.....	9,742	373,005	100.0	\$1,400,633,414	100.0	\$523,168,820	100.0	14.5	22.5	24.5	22.8	47.9	40.0	23.0	40.0	39.2
Smelting and refining, copper.....	4	3,344	0.9	159,198,876	11.3	5,330,041	1.0	44.0	86.8	-27.2	26.7	100.1	63.7	-20.5	68.5	-31.5
Petroleum, refining.....	8	5,178	1.4	90,876,903	6.5	11,485,433	2.2	.....	.....	26.1	.....	.....	57.2	.....	.....	140.3
Silk goods, including throwsters.....	308	28,263	7.6	75,700,449	5.4	34,823,584	6.7	-0.7	18.9	5.5	15.7	52.6	7.2	8.3	56.7	11.9
Foundry and machine-shop products.....	908	31,057	8.3	74,126,941	5.3	41,551,452	7.9	11.7	.....	.....	13.3	.....	.....	17.2	.....	.....
Electrical machinery, apparatus, and supplies.....	70	14,405	3.9	40,740,810	2.9	20,191,534	3.9	29.8	77.1	60.1	43.6	105.5	83.2	44.9	101.1	73.5
Slaughtering and meat packing.....	90	2,107	0.6	40,108,471	2.9	3,788,634	0.7	20.9	143.9	20.1	6.7	111.7	24.9	-1.4	128.3	34.6
Tobacco manufactures.....	394	15,830	4.2	39,605,997	2.8	22,292,414	4.3	67.2	45.5	81.0	64.2	120.0	5.3	66.0	86.4	2.7
Woolen, worsted, and felt goods, and wool hats.....	32	14,464	3.9	36,268,561	2.6	13,210,929	2.5	14.3	40.8	.....	6.9	107.0	.....	2.4	123.8	.....
Chemicals.....	04	6,270	1.7	31,630,865	2.3	14,032,579	2.8	24.4	40.3	18.0	33.8	75.2	6.7	38.5	65.3	22.7
Leather, tanned, curried, and finished.....	84	5,108	1.4	31,651,831	2.2	9,571,200	1.8	-8.1	12.3	18.5	11.3	32.3	56.4	10.3	32.3	47.7
Dyeing and finishing textiles.....	98	11,083	3.1	27,986,512	2.0	14,280,512	2.7	15.3	33.3	7.4	77.2	31.9	14.2	51.2	36.3	15.9
Rubber goods, not elsewhere specified.....	53	6,316	1.7	25,458,210	1.8	10,285,749	2.0	48.4	146.2	-33.8	30.3	304.1	-42.8	58.0	246.9	-32.0
Bread and other bakery products.....	1,278	5,712	1.5	22,310,018	1.6	9,352,016	1.8	15.7	28.3	42.5	11.1	48.8	65.0	18.5	48.9	46.3
Liquors, malt.....	29	2,588	0.7	20,481,890	1.5	14,897,339	2.8	21.8	8.5	13.6	1.5	15.7	21.3	-2.7	12.6	17.1
Cotton goods, including cotton small wares.....	30	7,394	2.0	16,782,164	1.2	6,060,680	1.3	11.4	.....	.....	22.2	.....	.....	20.1	.....	.....
Brick, tile, pottery, and other clay products.....	140	13,011	3.5	16,693,447	1.2	12,110,538	2.3	-1.6	15.6	9.0	-3.0	27.1	25.6	-5.4	25.0	26.9
Soap.....	16	2,057	0.6	16,692,406	1.2	5,932,529	1.1	28.0	158.3	14.6	22.1	240.3	66.9	-10.0	233.7	80.4
Paint and varnish.....	60	1,737	0.5	16,086,717	1.1	6,145,405	1.2	16.3	55.5	13.3	20.0	83.2	12.1	35.3	53.7	23.7
Printing and publishing.....	732	5,433	1.5	14,083,011	1.0	9,831,942	1.9	-0.3	24.8	13.3	14.2	43.0	41.3	11.0	39.7	43.1
Gas, illuminating and heating.....	43	2,205	0.6	14,020,050	1.0	9,944,588	1.9	15.0	40.2	3.6	42.5	54.4	69.1	42.4	44.0	62.6
Canning and preserving.....	96	3,154	0.8	13,764,955	1.0	5,730,429	1.1	73.5	.....	.....	275.7	.....	203.6	.....	.....	.....
Copper, tin, and sheet-iron products.....	193	5,233	1.4	12,499,728	0.9	5,653,557	1.1	4.6	22.6	91.0	12.5	77.3	132.0	14.4	46.7	127.3
Lumber and timber products.....	382	4,892	1.3	12,182,553	0.9	5,083,285	1.0	6.7	35.2	10.3	-7.6	68.9	14.3	-7.6	50.9	5.9
Shipbuilding, including boat building.....	85	0,321	1.7	11,860,965	0.8	6,224,671	1.2	29.9	0.1	60.2	34.2	14.3	60.8	35.6	7.5	49.4
Clothing, men's, including shirts.....	152	8,217	2.2	11,547,363	0.8	6,318,351	1.2	17.5	23.5	-2.1	17.1	32.8	29.1	31.9	10.4	21.7
Olecloth and linoleum.....	10	2,190	0.6	11,384,311	0.8	3,724,518	0.7	3.2	45.0	69.6	12.2	86.3	91.4	6.3	97.1	90.2
Jewelry.....	175	3,408	0.9	11,347,455	0.8	5,822,516	1.1	-15.0	34.1	7.6	-14.5	42.6	26.1	-16.6	49.8	31.2
Boots and shoes, including cut stock and findings.....	58	4,080	1.1	11,204,323	0.8	3,853,903	0.7	-3.6	-6.5	-2.3	39.3	6.0	0.9	16.3	-2.2	10.7
Fertilizers.....	23	1,530	0.4	11,197,690	0.8	3,610,606	0.7	20.7	6.1	18.4	46.0	35.7	31.7	81.7	15.3	50.6
Paper and wood pulp.....	33	2,927	0.8	10,931,431	0.8	3,760,160	0.7	31.7	30.5	36.9	44.7	49.8	57.8	34.6	37.8	36.6
Millinery and lace goods.....	276	5,573	1.5	10,485,723	0.7	6,571,892	1.3	35.3	200.3	707.7	52.1	256.9	1023.3	77.1	250.3	828.9
Iron and steel, steel works and rolling mills.....	15	4,639	1.2	10,420,452	0.7	5,234,984	1.0	-0.7	-44.0	8.2	-18.3	-40.1	-8.1	-2.7	-20.9	2.2
Cars and general shop construction and repairs by steam-railroad companies.....	30	6,835	1.8	10,344,659	0.7	5,793,009	1.1	3.5	18.9	20.9	5.4	42.3	37.0	11.7	41.5	34.2
Belting and hose, rubber.....	9	2,239	0.6	10,340,523	0.7	5,122,233	1.0	.....	.....	.....	182.5	.....	254.1	.....	.....	305.9
Gold and silver, reducing and refining, not from the ore.....	14	179	(*)	10,078,176	0.7	1,077,390	0.2	59.8	9.8	155.0	127.2	-16.0	134.5	105.3	17.4	179.4
Food preparations, not elsewhere specified.....	68	812	0.2	9,478,997	0.7	2,144,284	0.4	-3.1	19.5	87.9	76.2	70.1	140.7	-11.7	61.2	146.1
Oil, not elsewhere specified.....	20	426	0.1	9,290,437	0.7	2,468,250	0.5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Automobiles, including bodies and parts.....	53	2,520	0.7	8,237,416	0.6	4,471,539	0.8	146.1	.....	.....	310.3	.....	300.9	.....	.....	.....
Hats, fur-felt.....	41	4,401	1.2	7,969,344	0.6	4,261,302	0.8	-5.5	-18.4	20.2	-9.7	-7.5	32.3	-9.6	-11.3	48.7
Hosiery and knit goods.....	62	4,025	1.1	7,849,556	0.6	4,514,134	0.9	60.6	42.5	-5.5	106.0	49.5	43.0	127.5	70.0	51.4
Patent medicines and compounds and druggists' preparations.....	120	1,271	0.3	7,672,961	0.5	4,525,082	0.9	26.5	7.0	194.0	41.8	46.8	135.7	36.3	38.7	132.5
Cordage and twine and jute and linen goods.....	14	3,151	0.8	7,650,638	0.5	2,120,604	0.4	4.2	.....	.....	38.5	.....	30.0	.....	.....	.....
Glass.....	19	5,734	1.5	7,597,754	0.5	5,060,502	0.9	2.4	2.6	2.3	0.1	7.9	26.6	2.1	8.0	27.4
Furnishing goods, men's.....	28	4,144	1.1	6,793,287	0.5	2,904,577	0.6	68.6	16.2	415.9	64.4	52.8	250.6	107.6	25.1	284.2
Clothing, women's.....	183	5,423	1.5	6,768,076	0.5	3,816,118	0.7	28.6	8.1	63.2	14.2	40.5	64.7	24.2	50.2	45.0
Gas and electric fixtures and lamps and reflectors.....	32	2,206	0.6	5,475,783	0.4	1,940,463	0.4	17.1	51.8	-7.3	-5.1	64.6	36.6	-19.5	63.4	-8.5
Furniture.....	66	2,287	0.6	5,462,754	0.4	3,004,849	0.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
Sulphuric, nitric, and mixed acids.....	6	909	0.2	5,071,209	0.4	2,011,650	0.6	109.4	.....	.....	138.4	.....	.....	173.3	.....	.....
Dyestuffs and extracts.....	18	343	0.1	4,968,082	0.4	1,925,323	0.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Confectionery.....	75	1,553	0.4	4,888,601	0.3	1,836,597	0.3	25.3	63.2	477.6	18.8	101.5	475.5	9.1	59.5	517.0
Corsets.....	13	2,592	0.7	4,737,474	0.3	2,430,557	0.5	40.5	26.5	9.5	42.0	50.4	60.5	19.7	43.9	94.6
Brass and bronze products.....	21	1,230	0.3	4,636,427	0.3	1,511,502	0.3	-2.3	.....	.....	-8.7	.....	.....	-14.9	.....	.....
Paper goods, not elsewhere specified.....	24	907	0.2	4,673,513	0.3	1,758,187	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Paving materials.....	29	1,264	0.3	4,434,259	0.3	1,892,983	0.4	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flour-mill and gristmill products.....	100	341	0.1	4,320,424	0.3	730,413	0.1	-24.7	-0.2	21.4	-22.0	1.3	2.7	-25.2	3.2	7.6
Cement.....	4	1,012	0.3	4,309,294	0.3	1,807,301	0.3	-30.0	0.6	.....	15.7	27.4	.....	8.1	57.4	.....
Cutlery and tools, not elsewhere specified.....	70	2,693	0.7	4,281,970	0.3	2,875,917	0.5	22.0	32.4	-7.3	56.5	15.4	2.8	52.4	21.9	2.6
Leather goods.....	99	1,609	0.4	4,189,036	0.3	2,030,942	0.4	-7.9	-8.3	-8.8	4.4	-4.9	20.7	8.9	-10.0	19.3
Copperage and wooden goods, not elsewhere specified.....	48	917	0.2	3,848,084	0.3	1,100,883	0.2	-12.3	187.4	15.6	19.1	303.2	13.3	22.0	141.2	4.5
Musical instruments, pianos and organs and materials.....	24	1,980	0.5	3,502,746	0.2	1,764,626	0.3	40.7	.....	.....	57.1	.....	.....	53.0	.....	.....
Coffee and spice, roasting and grinding.....	17	106	(*)	3,451,165	0.2	220,122	(*)	26.2	140.0	.....	30.3	374.7	.....	-28.2	123.4	.....
Wall paper, not made in paper mills.....	9	963	0.3	3,424,061	0.2	1,065,351	0.3	23.1	27.2	1.0	19.2	37.2	38.9	21.3	29.2	110.7
Silversmithing and silverware.....	25	1,182	0.3	2,858,038	0.2	1,631,929	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Marble and stone work.....	132	1,080	0.3	2,840,585	0.2	1,071,384	0.3	-27.0	.....	.....	-27.0	.....	.....	-33.8	.....	.....

(See footnotes at end of table.)

Table 2—Continued.

INDUSTRY.	Number of establishments.	CENSUS OF 1914.						PER CENT OF INCREASE. ¹								
		Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904
Boxes, fancy and paper.....	51	2,176	0.0	\$2,658,571	0.2	\$1,466,069	0.3	1.6	60.6	23.5	-0.6	103.0	46.9	1.4	94.6	53.3
Wirework, including wire rope and cable, not elsewhere specified.....	20	1,045	0.3	2,654,257	0.2	1,143,401	0.2	-7.2	-1.3	70.3	-3.3	21.4	105.0	-7.6	9.4	128.5
Carriages and wagons and materials.....	264	1,168	0.3	2,606,644	0.2	1,558,733	0.3	-27.0	-19.4	-6.2	-21.0	-6.1	-11.6	-20.9	-6.7	-8.4
Buttons.....	60	1,773	0.5	2,608,840	0.2	1,431,444	0.3	-21.6	65.2	17.1	-8.8	72.7	55.2	-8.6	63.6	52.8
Stoves and hot-air furnaces and ranges.....	5	882	0.2	2,265,316	0.2	1,022,641	0.3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carpets and rugs, other than rag.....	4	872	0.2	2,224,751	0.2	860,047	0.2	-1.4	-23.3	-1.5	14.4	11.2	14.8	-17.9	36.0	17.6
Confectionery (ice cream).....	72	400	0.1	2,189,962	0.2	800,347	0.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Roofing materials.....	15	392	0.1	2,172,809	0.2	1,027,100	0.2	49.0	-52.0	.....	-4.9	-8.6	.....	-10.5	23.7	.....
Chocolate and cocoa products.....	6	322	0.1	2,161,831	0.2	583,035	0.1	11.0	.....	.....	17.3	.....	.....	40.2	.....	.....
Signs and advertising novelties.....	25	841	0.2	2,147,369	0.2	1,435,876	0.3	-19.4	.....	.....	2.7	.....	.....	-3.1	.....	.....
Ink, printing.....	9	278	0.1	2,094,672	0.1	1,144,017	0.2	.....	.....	.....	.....	.....	.....	.....	.....	.....
Fancy articles, not elsewhere specified.....	58	1,122	0.3	2,081,863	0.1	1,304,580	0.2	0.9	.....	.....	13.1	.....	.....	28.8	.....	.....
Mineral and soda waters.....	189	667	0.2	2,052,941	0.1	1,087,756	0.2	9.7	19.9	16.6	11.8	45.9	18.1	3.5	22.5	22.4
Brushes.....	22	822	0.2	1,813,840	0.1	925,951	0.2	3.7	.....	.....	16.0	.....	.....	8.4	.....	.....
Upholstering materials, not elsewhere specified.....	9	313	0.1	1,811,130	0.1	596,937	0.1	5.7	-6.9	.....	10.0	32.8	.....	7.0	43.4	.....
Cars and general shop construction and repairs by electric-railroad companies.....	17	1,228	0.3	1,614,137	0.1	865,001	0.2	48.7	132.0	55.5	39.4	55.0	96.1	59.0	96.4	43.5
Glass, cutting, staining, and ornamenting.....	41	672	0.2	1,601,358	0.1	952,818	0.2	20.9	42.6	.....	81.4	84.7	.....	67.2	92.6	.....
Cork, cutting.....	6	570	0.2	1,593,892	0.1	492,896	0.1	36.4	102.9	31.2	101.5	108.2	62.4	20.4	101.6	107.7
Ice, manufactured.....	71	621	0.2	1,556,361	0.1	1,029,030	0.2	36.2	70.1	46.4	4.0	131.0	65.3	-7.3	133.4	67.6
Artists' materials.....	7	214	0.1	1,498,852	0.1	405,818	0.1	13.8	218.6	.....	71.5	299.1	.....	88.0	258.5	.....
Typewriters and supplies.....	8	428	0.1	1,236,349	0.1	725,806	0.1	57.4	106.1	-79.7	67.0	134.9	-67.7	57.0	143.2	-63.0
Grease and tallow.....	38	218	0.1	1,184,942	0.1	364,212	0.1	9.5	99.0	.....	3.2	262.1	.....	15.3	139.4	.....
Hat and cap materials.....	13	360	0.1	1,148,091	0.1	350,526	0.1	-16.9	-18.1	.....	-17.1	-2.0	.....	-25.4	-9.5	.....
Minerals and earths, ground.....	14	292	0.1	1,048,822	0.1	482,881	0.1	37.7	23.3	.....	33.6	67.7	.....	30.5	75.4	.....
Iron and steel, wrought pipe.....	3	359	0.1	1,027,623	0.1	567,120	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Window shades and fixtures.....	19	441	0.1	1,006,621	0.1	379,371	0.1	-14.4	85.2	.....	-12.9	-8.5	.....	-34.3	16.6	.....
Agricultural implements.....	9	270	0.1	930,724	0.1	485,330	0.1	20.5	9.8	38.8	23.3	92.6	66.8	13.3	56.2	104.5
Hats, straw.....	6	382	0.1	843,776	0.1	452,187	0.1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Flavoring extracts.....	19	137	(*)	828,303	0.1	236,439	(*)	179.6	4.3	.....	209.1	61.4	.....	86.2	58.8	.....
Wall plaster.....	7	205	0.1	762,869	0.1	352,067	0.1	15.7	287.0	.....	24.5	200.5	.....	25.4	195.8	.....
Artificial stone products.....	83	349	0.1	722,410	0.1	427,556	0.1	-28.5	856.9	.....	-15.9	813.8	.....	-24.3	796.8	.....
Mattresses and spring beds.....	25	181	(*)	690,044	(*)	258,839	(*)	-63.5	105.0	27.4	-47.8	81.7	67.4	-49.8	82.0	53.0
Toys and games.....	13	440	0.1	641,299	(*)	414,213	0.1	209.9	-4.1	.....	183.8	12.4	.....	213.8	3.9	.....
Hats and caps, other than felt, straw, and wool.....	17	246	0.1	608,386	(*)	321,093	0.1	44.7	-36.8	.....	60.8	-12.5	.....	67.7	-30.8	.....
Condensed milk and milk products, other than butter and cheese.....	4	48	(*)	597,434	(*)	85,990	(*)	.....	.....	.....	.....	.....	.....	.....	.....	.....
Needles, pins, and hooks and eyes.....	7	515	0.1	597,066	(*)	395,865	0.1	-7.5	.....	.....	-3.7	.....	.....	-9.3	.....	.....
Scales and balances.....	11	244	0.1	573,168	(*)	431,148	0.1	43.5	53.2	.....	33.4	61.0	.....	30.3	64.7	.....
Models and patterns, not including paper patterns.....	40	313	0.1	561,668	(*)	449,608	0.1	24.7	80.6	.....	26.3	99.6	.....	27.5	97.2	.....
Mirrors, framed and unframed, not elsewhere specified.....	6	147	(*)	508,209	(*)	192,315	(*)	-7.0	12.1	.....	12.7	29.6	.....	15.2	11.3	.....
All other industries.....	819	43,766	13.1	298,535,135	14.8	74,069,988	14.2	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Percentages are based on figures in Table 30; a minus sign (-) denotes decrease; percentages are omitted where base is less than 100, or where comparable figures can not be given.
² Less than one-tenth of 1 per cent.

Separate statistics are presented for 103 industries, or industry groups, for each of which products valued at more than \$500,000 were reported for 1914. These industries include 4 with products exceeding \$70,000,000 in value, 10 with products between \$20,000,000 and \$70,000,000, 21 with products between \$10,000,000 and \$20,000,000, 13 with products between \$5,000,000 and \$10,000,000, 42 with products between \$1,000,000 and \$5,000,000 and 13 with products valued at less than \$1,000,000. Among those included under the head of "all other industries" are 39 which had products exceeding \$500,000 in value, but the statistics for these can not be shown separately without the possibility of disclosing the operations of individual establishments; the more important of these industries are sugar, refining; wire; phonographs and graphophones; smelting and refining, not from the ore; explosives;

glucose; sewing machines and attachments; oil, cottonseed, and cake; surgical appliances; and bags, other than paper.

The industries in this table are arranged in the order of their importance as shown by value of products, but the arrangement would vary considerably from that given if based on average number of wage earners or value added by manufacture. Copper smelting and refining, petroleum refining, and slaughtering and meat packing show the greatest variations in this respect. The smelting and refining of copper held first rank in value of products, but the industry was thirty-second in number of wage earners and thirtieth in value added by manufacture. Petroleum refining, second in value of products, was twenty-third in number of wage earners and eleventh in value added by manufacture, and slaughtering and meat packing,

sixth in value of products, was forty-fifth in number of wage earners and forty-second in value added by manufacture. In the three industries mentioned and in others of less importance the cost of materials represents a large proportion of the total value of products and, as these industries require relatively few wage earners, the value added to the raw material by manufacture is small as compared with other industries.

On the other hand, silk goods, foundry and machine-shop products, and tobacco manufactures rank higher both in number of wage earners and in value added by manufacture than in value of products.

Smelting and refining, copper.—In this state the value of all ore smelted and crude copper refined is included in the cost of materials, and the total value of products is reported, whether the materials belonged to the plant reporting or were worked on a toll basis.

In 1914 the output of the four plants reporting was valued at \$159,198,876, or 11.3 per cent of the total of all manufactures in the state. From 1909 to 1914 the value of products for this industry increased \$33,547,789, or 26.7 per cent, and the average number of wage earners, 1,022, or 44 per cent; the value added by manufacture, however, decreased \$1,378,764, or 20.5 per cent. New Jersey ranked first among the states in the industry at the last four censuses.

Petroleum, refining.—New Jersey was the leading state in this industry in 1914, reporting 22.9 per cent of the total value of refined petroleum produced in the United States. During the last decade the average number of wage earners increased 1,457, or 39.2 per cent, and the value of products, \$44,268,009, or 95 per cent.

Textiles.—The textile industries, or industry groups, ranked by value of products in 1914 are silk goods, including throwsters; woolen, worsted, and felt goods, and wool hats; cotton goods, including cotton small wares; fur-felt hats; hosiery and knit goods; cordage and twine and jute and linen goods; and carpets and rugs, other than rag. These industries combined gave employment in 1914 to an average of 62,570, or 16.7 per cent of the wage earners engaged in the manufactures of the state, and their production was valued at \$154,457,463, or 11 per cent of the state's manufactured products. These figures represent an increase over 1909 of 1,923, or 3.2 per cent, in the average number of wage earners and of \$21,253,006, or 16 per cent, in value of products.

Silk goods, including throwsters.—This classification includes the manufacture of plain and fancy broad silks, ribbons, and silk-mixed goods, and the production of organzine and tram. Although the number of wage earners decreased 2,022, or 6.7 per cent, from 1909 to 1914, the value of products increased \$10,276,899, or 15.7 per cent. In 1914 the 309 establishments engaged primarily in the manufacture of finished goods reported an average of 25,891 wage earners and prod-

ucts valued at \$71,340,648, or 91.6 per cent and 94.2 per cent, respectively, of the corresponding totals for the state.

New Jersey held first place among the states in the manufacture of silk goods in 1909 and 1904, but in 1914 it dropped to second rank, having been displaced by Pennsylvania.

Woolen, worsted, and felt goods, and wool hats.—This group of industries includes chiefly the manufacture of woolen and worsted suitings, overcoatings, and dress goods, worsted yarn, and felt goods. New Jersey ranked fourth among the states in 1914 in the manufactures comprised in this classification. For the last five-year period, there is shown an increase of 1,812, or 14.3 per cent, in the number of wage earners, and of \$2,329,924, or 6.9 per cent, in the total value of products. The woolen and worsted goods branch of the industry reported 14,280 wage earners and products valued at \$35,738,853, constituting 98.7 per cent and 98.5 per cent of the respective totals for the entire industry group in the state.

Dyeing and finishing textiles.—Closely related to the several textile industries is the dyeing and finishing of textiles, which embraces the bleaching, dyeing, and mercerizing of raw fiber, yarns, and woven cloth, as well as the printing of cotton piece goods. A considerable number of textile mills carry on one or more of these subordinate processes with the primary manufacturing in the same establishment; therefore, the statistics for the independent establishments engaged in dyeing and finishing do not represent the full extent of the industry. During the last five years the number of wage earners employed in the industry increased by 1,554, or 15.3 per cent, and the value of products by \$12,190,724, or 77.2 per cent.

Foundry and machine-shop products.—This industry group comprises foundries and machine shops and allied industries, such as the manufacture of engines, gas meters, hardware, plumbers' supplies, steam fittings, steam pumps, structural ironwork, and cast-iron pipe, and the repairing of automobiles. Establishments that manufacture a distinctive product, which is the subject of a specific classification, such as cash registers, sewing machines, and electrical machinery, are not included. The 908 establishments shown for this industry group manufactured products valued at \$74,126,941, or 5.3 per cent of the total manufactures of the state and gave employment to 31,057 wage earners, or 8.3 per cent of the total wage earners. During the last five years, there was an increase of 11.7 per cent in number of wage earners and 13.3 per cent in value of products.

Electrical machinery, apparatus, and supplies.—New Jersey ranked fifth in the manufacture of electrical machinery, apparatus, and supplies in 1914 and third in 1909. The industry shows substantial growth in recent years. From 1909 to 1914 the average num-

ber of wage earners increased 3,306, or 29.8 per cent, and the value of products, \$12,375,433, or 43.6 per cent.

Slaughtering and meat packing.—This classification includes wholesale slaughtering and meat-packing establishments and those engaged in the manufacture of sausage only. The industry developed rapidly during the decade 1904–1914, the total value of products having more than doubled. Jersey City, the center of the industry, reported 62.9 per cent of the total value of the products of the industry in the state in 1914. The products of the slaughtering and meat-packing branch of the industry in 1914 were valued at \$38,809,339, and the sausage, at \$1,299,132.

Tobacco manufactures.—For 1914 there were reported 13 establishments engaged in manufacturing chewing and smoking tobacco and snuff and 381 cigar and cigarette factories. From 1909 to 1914 the average number of wage earners increased 67.2 per cent and the value of products, 64.2 per cent. During that period the cigars and cigarettes manufactured practically doubled in value.

Chemicals.—This classification includes the manufacture of acids, sodas, alums, coal-tar products, cyanides, bleaching materials, plastics (celluloid, etc.), compressed or liquefied gases, alkaloids, etc., when they are the chief product of the establishment reporting. Chemicals manufactured as subsidiary products in establishments classified under other heads are not included, and establishments engaged primarily in the manufacture of sulphuric, nitric, and mixed acids are grouped under a specific head. From 1909 to 1914 this industry reported an increase of 1,230, or 24.4 per cent, in number of wage earners and \$8,862,725, or 38.8 per cent, in value of products. New Jersey ranked second among the states in this industry in 1914, 1909, and 1904.

Leather, tanned, curried, and finished.—In 1914 New Jersey was the fifth state in the manufacture of leather, with a production valued at \$31,651,831. This amount represents an increase of \$3,220,876, or 11.3 per cent, over 1909. The value of products formed 8.6 per cent of the total shown for the industry in the United States in 1914, 8.7 per cent in 1909, and 8.5 per cent in 1904.

Rubber goods, not elsewhere specified.—This classification includes the manufacture of rubber clothing, automobile, carriage, and bicycle tires, mechanical rubber goods, etc. It does not include the manufacture of rubber boots and shoes, rubber belting and hose, or suspenders, garters, and elastic woven goods. The industry shows an increase of 48.4 per cent in number of wage earners and 30.3 per cent in value of products from 1909 to 1914. Measured by value of products, New Jersey was second in the industry in 1914 and 1909.

Manufacture from precious metals.—The manufacture of jewelry is closely allied to silversmithing and

silverware and the reducing and refining of gold and silver from clippings, sweepings, and scrap. In 1914 these three industries gave employment to 4,769 wage earners and manufactured products valued at \$24,309,269. Jewelry, which represented 46.7 per cent of the value reported for this group, showed a loss during the five-year period 1909–1914 of 15 per cent in wage earners and 14.5 per cent in value of products, while gold and silver, reducing and refining, not from the ore, representing 41.4 per cent of the group, increased 59.8 per cent in wage earners and 127.2 per cent in value of products.

Brick, tile, pottery, and other clay products.—This industry gave employment to 13,011 wage earners and reported products valued at \$16,693,447 in 1914. For the period 1909–1914 there was a decrease of 1.6 per cent in number of wage earners, 3 per cent in value of products, and 5.4 per cent in value added by manufacture. In these manufactures New Jersey held third place among the states in 1914, 1909, and 1904.

Soap.—Measured by value of products, New Jersey ranked third among the states in the manufacture of soap in 1914 and fourth in 1909. In 1914 this industry gave employment to an average of 2,057 wage earners and reported products valued at \$16,692,406. From 1909 to 1914 the number of wage earners increased 28.6 per cent, and the value of products, 22.1 per cent, but, owing to the increase in the cost of materials, the value added by manufacture decreased 10 per cent.

Paint and varnish.—New Jersey was fourth among the states in this industry in 1914. The establishments engaged primarily in the manufacture of paint employed 1,333 wage earners and turned out products valued at \$10,853,242, 76.7 per cent and 67.5 per cent, respectively, of the totals for the industry as a whole. The value of products for the entire industry showed an increase of \$3,319,788, or 26 per cent, from 1909 to 1914.

Oilcloth and linoleum.—This industry reported products valued at \$11,384,311 in 1914, of which \$8,653,161, or 76 per cent, represented floor oilcloth and linoleum, and \$2,731,150, or 24 per cent, enameled oilcloth. The value of products increased \$1,241,715, or 12.2 per cent, during the last five years. New Jersey ranked first among the states in the oilcloth and linoleum industry for the last three census periods, producing 44.5 per cent of the value of such manufactures in 1914, 43.5 per cent in 1909, and 36.8 per cent in 1904.

Persons engaged in manufacturing industries.—Table 3 shows, for 1914 and 1909, the number of persons engaged in manufactures, distributed by sex, the average number of wage earners being distributed also by age. The sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms."

Table 3

CLASS.	Census year.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.				
		Total.	Male.	Female.	Per cent of total.	
					Male.	Female.
All classes.....	1914 1909	431,003 371,265	320,967 278,968	110,036 92,297	74.5 75.1	25.5 24.9
Proprietors and officials.....	1914 1909	19,257 17,581	18,026 17,043	631 538	96.7 96.9	3.3 3.1
Proprietors and firm members.....	1914 1909	8,342 8,204	8,030 7,924	312 280	96.3 96.6	3.7 3.4
Salaried officers of corporations.....	1914 1909	4,549 4,147	4,367 4,050	182 91	96.0 97.8	4.0 2.2
Superintendents and managers.....	1914 1909	6,366 5,230	6,229 5,063	137 167	97.8 96.8	2.2 3.2
Clerks and other subordinate salaried employees.....	1914 1909	38,141 27,461	29,355 21,652	8,786 5,809	77.0 78.8	23.0 21.2
Wage earners (average number).....	1914 1909	373,605 326,223	272,989 240,273	100,619 85,950	73.1 73.7	26.9 26.3
16 years of age and over.....	1914 1909	368,759 318,086	270,959 230,459	97,799 82,186	73.5 74.2	26.5 25.8
Under 16 years of age.....	1914 1909	4,846 7,538	1,987 3,774	2,859 3,764	41.0 50.0	59.0 50.0

In 1914 the number of persons engaged in manufactures was 431,003, of whom 373,605 were wage earners;

19,257 were proprietors and officials; and 38,141 were clerks and other subordinate salaried employees. Males predominated in all classes for which statistics are given, except wage earners under 16 years of age, 59 per cent of whom were females. The smallest proportion of females, 2.2 per cent, is shown for superintendents and managers. There were 368,759 wage earners 16 years of age and over, of whom 270,999 (73.5 per cent) were males and 97,760 (26.5 per cent) were females.

Table 4 gives, for the several classes of persons engaged in manufactures, the percentages of increase from 1909 to 1914 and the per cent distribution at the two censuses.

Each of the several classes of employees, except wage earners under 16 years of age and female superintendents and managers, increased from 1909 to 1914. The largest percentage of increase for both sexes combined (38.9) is shown for clerks and other subordinate salaried employees. Wage earners under 16 years of age represented only 1.1 per cent of the total number of persons engaged in manufactures in 1914 and 2.1 per cent in 1909.

Table 4

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.								
	Per cent of increase, 1909-1914.			Per cent distribution.					
	Total.	Male.	Female.	Total.		Male.		Female.	
				1914	1909	1914	1909	1914	1909
All classes.....	16.1	15.1	19.2	100.0	100.0	100.0	100.0	100.0	100.0
Proprietors and officials.....	0.5	9.3	17.3	4.5	4.7	5.8	6.1	0.6	0.6
Proprietors and firm members.....	1.7	1.3	11.4	1.9	2.2	2.5	2.8	0.3	0.3
Salaried officers of corporations.....	0.7	7.7	100.0	1.1	1.1	1.4	1.5	0.2	0.1
Superintendents and managers.....	21.7	23.0	-18.0	1.5	1.4	1.9	1.8	0.1	0.2
Clerks and other subordinate salaried employees.....	38.9	35.6	51.2	8.8	7.4	9.2	7.8	8.0	6.3
Wage earners (average number).....	14.5	13.6	17.1	86.7	87.9	85.0	86.1	91.4	93.1
16 years of age and over.....	15.7	14.6	18.9	85.0	85.8	84.4	84.8	88.8	89.0
Under 16 years of age.....	-35.7	-17.4	-24.0	1.1	2.1	0.6	1.3	2.6	4.1

1 A minus sign (-) denotes decrease.

In order to compare the distribution of persons engaged in manufactures in 1914 with that shown at the census of 1904, it is necessary to use the classification employed at the earlier census. (See "Explanation of terms.") Table 5 makes this comparison according to occupational status.

Table 5

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.								
	Number.			Per cent distribution.			Per cent of increase.		
	1914	1909	1904	1914	1909	1904	1909-1914	1904-1909	
Total.....	431,003	371,265	296,262	100.0	100.0	100.0	16.1	25.3	
Proprietors and firm members.....	8,342	8,204	6,730	1.9	2.2	2.3	1.7	21.9	
Salaried employees.....	49,059	35,838	23,190	11.4	9.7	7.8	33.2	53.8	
Wage earners (average).....	373,605	326,223	266,330	86.7	87.9	89.9	14.5	22.5	

Of the total number of persons engaged in manufacturing industries in 1914, 1.9 per cent were proprietors and firm members, 11.4 per cent salaried employees,

and 86.7 per cent wage earners. Each of the three classes shows an increase for both five-year periods, but the increase is much greater for the first half of the decade than for the latter.

The average number of wage earners employed and their per cent distribution as males 16 years of age and over, females 16 years of age and over, and children under 16 years of age are given in Table 6, for 1914, 1909, and 1904. The table also shows for some of the important industries separately a similar distribution of wage earners for 1914 and 1909.

There was little change from 1904 to 1914 in the proportion which men represented of the total wage earners reported for all industries combined. The proportion of women, however, increased from 23.6 per cent of the total in 1904 to 26.2 per cent in 1914. Wage earners under 16 years of age decreased from 8,002 in 1904 to 4,846 in 1914, or from 3 per cent of the total to 1.3 per cent.

Table 6

INDUSTRY.	Census year.	WAGE EARNERS.					INDUSTRY.	Census year.	WAGE EARNERS.				
		Average number. ¹	Per cent of total.			Under 10 years of age.			Average number. ¹	Per cent of total.			Under 10 years of age.
			16 years of age and over.	Male.	Female.					16 years of age and over.	Male.	Female.	
All industries.....	1914 1909 1904	373,605 326,223 266,336	72.5 72.5 73.4	26.2 25.2 23.6	1.3 2.3 3.0	Gas, illuminating and heating.....	1914 1909	2,205 1,917	99.0 99.0	0.1 0.1	.....	
Automobiles, including bodies and parts.	1914 1909	2,520 1,024	97.4 98.7	2.3 0.8	0.3 0.5	Glass.....	1914 1909	5,784 5,651	94.7 93.0	3.2 1.9	2.2 5.1		
Boots and shoes, including cut stock and findings.	1914 1909	4,080 4,232	62.0 60.8	37.0 36.3	1.0 2.9	Hats, fur-felt.....	1914 1909	4,401 4,657	75.1 77.6	24.6 20.7	0.3 1.7		
Boxes, fancy and paper.....	1914 1909	2,176 2,142	30.6 32.3	66.3 61.1	3.1 6.6	Hosiery and knit goods.....	1914 1909	4,025 2,506	37.3 37.2	59.4 58.0	3.3 4.9		
Brass and bronze products.....	1914 1909	1,236 1,205	97.4 97.5	0.4 1.4	2.2 1.0	Iron and steel, steel works and rolling mills	1914 1909	4,639 4,671	99.8 99.4	0.2 0.5	.....	
Bread and other bakery products.....	1914 1909	5,712 4,936	91.5 93.7	7.4 4.9	1.1 1.4	Jewelry.....	1914 1909	3,408 4,008	76.4 72.4	22.7 23.4	0.9 4.1		
Brick, tile, pottery, and other clay products.	1914 1909	13,011 13,220	89.2 90.3	9.7 8.6	1.0 1.1	Leather goods.....	1914 1909	1,669 1,813	74.4 74.5	24.7 22.2	0.8 3.3		
Buttons.....	1914 1909	1,773 2,261	67.1 64.9	31.9 31.4	1.0 3.6	Leather, tanned, curried, and finished.....	1914 1909	5,108 5,560	97.8 97.3	2.1 1.0	0.1 1.7		
Canning and preserving.....	1914 1909	3,154 1,818	48.6 38.8	50.6 60.8	0.8 0.4	Liquors, malt.....	1914 1909	2,588 2,125	99.8 99.4	0.1 (?)	0.1 0.5		
Carpets and rugs, other than rug.....	1914 1909	872 884	65.2 60.1	33.5 29.2	1.3 1.7	Lumber and timber products.....	1914 1909	4,802 4,857	97.2 98.2	2.2 1.2	0.6 0.6		
Carriages and wagons and materials.....	1914 1909	1,168 1,601	99.7 99.9	.....	0.3 0.1	Marble and stone work.....	1914 1909	1,080 1,479	100.0 99.0	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.	1914 1909	6,835 6,604	99.9 99.1	(?) 0.8	(?) (?)	Millinery and lace goods.....	1914 1909	5,573 4,120	24.9 20.8	72.2 74.7	2.9 4.5		
Cement.....	1914 1909	1,012 1,445	99.7 99.4	0.2 0.3	0.1 0.3	Musical instruments, pianos and organs and materials.	1914 1909	1,900 1,393	80.8 85.4	19.0 13.9	0.3 0.7		
Chemicals.....	1914 1909	6,276 5,046	90.5 90.3	9.4 8.7	0.1 1.0	Oilcloth and linoleum.....	1914 1909	2,190 2,123	97.6 97.9	1.0 0.7	1.5 1.4		
Clothing, men's, including shirts.....	1914 1909	8,217 6,994	37.8 31.5	60.1 66.3	2.1 2.1	Paint and varnish.....	1914 1909	1,737 1,493	92.2 92.2	7.4 7.6	0.5 0.1		
Clothing, women's.....	1914 1909	5,423 4,216	16.7 9.0	81.6 87.6	1.6 3.4	Paper and wood pulp.....	1914 1909	2,927 2,223	93.3 91.5	6.0 7.2	0.6 1.3		
Confectionery.....	1914 1909	1,583 1,203	34.4 41.4	61.9 53.2	3.7 5.4	Patent medicines and compounds and druggists' preparations.	1914 1909	1,271 1,005	50.0 51.3	46.3 45.3	3.8 3.4		
Cooperage and wooden goods, not elsewhere specified.	1914 1909	917 1,046	98.0 99.7	0.2 0.2	1.7 0.1	Printing and publishing.....	1914 1909	5,433 5,451	81.9 81.5	16.7 16.5	1.4 2.0		
Copper, tin, and sheet-iron products.....	1914 1909	5,233 5,002	83.7 80.0	15.1 15.1	1.1 4.9	Rubber goods, not elsewhere specified....	1914 1909	6,316 4,255	87.2 85.9	11.1 12.4	1.7 1.7		
Cordage and twine and jute and linen goods.	1914 1909	3,151 3,025	44.2 45.9	53.2 45.8	2.5 8.3	Shipbuilding, including boat building....	1914 1909	6,324 4,869	100.0 100.0	(?) (?)	.....	
Corsets.....	1914 1909	2,592 1,845	8.4 8.2	90.0 87.4	1.5 4.4	Silk goods, including throwsters.....	1914 1909	28,263 30,285	46.7 43.5	51.2 52.9	2.1 3.6		
Cotton goods, including cotton small wares	1914 1909	7,394 6,638	44.8 38.1	49.6 52.9	5.6 8.9	Slaughtering and meat packing.....	1914 1909	2,197 1,817	95.8 95.7	4.0 4.2	0.2 0.1		
Cutlery and tools, not elsewhere specified.	1914 1909	2,693 2,208	85.6 88.9	10.7 8.7	3.7 2.4	Smelting and refining, copper.....	1914 1909	3,344 2,322	100.0 100.0	.....	.....
Dyeing and finishing textiles.....	1914 1909	11,683 10,129	83.8 85.6	15.6 13.4	0.6 1.1	Soap.....	1914 1909	2,057 1,599	71.8 66.4	28.0 31.1	0.2 2.4		
Electrical machinery, apparatus, and supplies.	1914 1909	14,405 11,099	68.0 59.9	31.4 39.3	0.6 0.7	Sulphuric, nitric, and mixed acids.....	1914 1909	969 434	100.0 100.0	.....	.....
Fancy articles, not elsewhere specified....	1914 1909	1,122 1,112	69.5 68.9	29.1 28.7	1.4 2.4	Tobacco manufactures.....	1914 1909	15,830 9,466	20.6 24.7	74.3 70.2	5.1 5.0		
Fertilizers.....	1914 1909	1,530 1,208	99.5 98.5	0.5 1.2	..... 0.2	Wall paper, not made in paper mills.....	1914 1909	963 782	86.4 85.5	12.0 12.9	1.6 1.5	
Foundry and machine-shop products.....	1914 1909	31,057 27,815	96.0 96.5	3.5 2.8	0.4 0.7	Wirework, including wire rope and cable, not elsewhere specified.	1914 1909	1,045 1,120	81.1 80.5	15.5 17.9	3.3 1.6		
Furnishing goods, men's.....	1914 1909	4,144 2,458	12.5 10.5	84.9 84.0	2.6 5.5	Woolen, worsted, and felt goods, and wool hats.	1914 1909	14,464 12,652	42.6 44.5	55.7 50.9	1.7 4.5		
Gas and electric fixtures and lamps and reflectors.	1914 1909	2,206 1,884	44.4 55.9	53.8 37.0	1.8 7.1	All other industries.....	1914 1909	77,828 65,144	85.1 83.2	14.4 15.2	0.5 1.6		

¹ For method of estimating the distribution, by sex and age periods, of the average number for all industries combined, see "Explanation of terms."
² Less than one-tenth of 1 per cent.

In a majority of the industries shown in Table 6, but females of the same age group formed the greater proportion of the total wage earners in the more im-

portant of the textile industries, in the manufacture of men's and women's clothing, corsets, millinery and lace goods, men's furnishing goods, fancy and paper boxes, confectionery, and in the canning and preserving and tobacco industries.

Although fewer children were employed in 1914 than in 1909, they represented 5.6 per cent of the wage earners employed in the cotton mills and 5.1 per cent of those in the tobacco factories in 1914.

Table 7 shows the average number and the per cent

distribution of wage earners employed in each of 33 cities having more than 10,000 inhabitants, classified according to age periods, and in the case of those 16 years of age and over, according to sex, for 1914, 1909, and 1904. Statistics for West Orange are not shown separately in order to avoid disclosing individual operations.

Table 8 gives percentages of increase from census to census, based on the figures in Table 7, for cities where per cent of increase can be computed.

CITY.	Total.			16 years of age and over.									Per cent of total.									
				Male.			Female.			Under 16 years of age.			16 years of age and over.			Under 16 years of age.						
	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904	
	Asbury Park	312	204	206	258	106	6	66.0	67.7	34.0	2.3
Atlantic City	918	780	381	877	794	302	40	11	12	1	8	7	95.5	97.2	95.0	4.4	1.8	3.1	0.1	1.0	1.8	
Bayonne	10,150	7,519	7,057	9,070	6,624	6,806	1,007	718	110	64	177	130	89.4	88.1	96.4	0.9	0.5	1.0	0.6	2.4	1.9	
Bloomfield	3,177	2,057	.....	1,801	1,478	.....	1,321	1,300	.....	55	92	.....	59.7	49.9	.....	41.6	47.0	.....	1.7	3.1	.....
Bridgeton	2,479	2,387	2,276	1,823	1,647	1,068	610	695	403	40	46	148	73.5	69.0	73.2	24.8	29.1	20.4	1.6	1.0	6.5
Camden	22,541	16,627	12,661	18,412	12,923	9,630	3,987	3,142	2,522	142	462	503	81.7	78.2	76.1	17.7	10.0	10.9	0.6	2.8	4.0	
East Orange	1,949	1,386	854	1,335	1,042	655	602	323	198	12	21	1	95.5	75.2	76.7	30.0	23.3	23.2	0.6	1.5	0.1	
Elizabeth	12,870	12,737	12,386	10,874	11,261	11,161	1,057	1,408	1,087	39	38	87	84.5	88.6	90.5	15.2	11.1	8.8	0.3	0.3	0.7	
Englewood	91	.....	.....	71	.....	.....	17	.....	.....	.....	.....	.....	81.3	.....	.....	18.7	.....	.....	.....	.....	.....
Garfield	5,869	2,530	.....	2,437	1,025	.....	3,258	1,412	.....	174	93	.....	41.5	40.5	.....	55.5	55.8	.....	3.0	3.7	.....
Gloucester	1,945	.....	.....	730	.....	.....	1,151	.....	.....	55	.....	.....	38.0	.....	.....	50.2	.....	.....	.....	.....	.....
Hackensack	700	738	.....	523	527	.....	230	200	.....	7	5	.....	68.3	71.4	.....	30.8	27.9	.....	1.0	0.7	.....
Harrison	7,404	6,893	4,040	6,802	4,820	2,367	1,500	1,980	1,657	30	81	10	78.4	70.1	58.0	21.2	28.7	41.0	0.5	1.2	2.8	
Hoboken	6,200	7,883	7,227	6,778	5,821	6,273	2,405	1,839	1,500	107	223	301	73.0	73.8	73.0	25.0	23.3	22.0	1.2	2.8	5.0	
Irvington	921	540	.....	790	430	.....	102	70	.....	20	28	.....	85.8	80.7	.....	11.1	14.1	.....	3.1	5.2	.....
Jersey City	31,021	25,454	20,353	21,765	18,140	14,713	9,011	6,866	5,130	245	448	504	70.2	71.8	72.3	20.0	27.0	25.2	0.8	1.8	2.5	
Kearny	5,094	4,001	1,303	4,442	3,494	763	623	493	331	29	44	200	87.2	80.6	58.0	12.2	12.3	26.4	0.6	1.1	16.0	
Long Branch	410	415	.....	229	260	.....	180	153	.....	4	.....	.....	55.1	62.7	.....	43.9	36.0	.....	1.0	0.5	.....
Millville	3,198	2,761	2,707	2,534	2,206	2,148	572	411	445	92	144	174	79.2	76.9	77.0	17.9	14.9	10.1	2.9	5.2	6.3	
Montclair	382	252	151	317	219	120	56	32	30	9	1	1	83.0	86.9	79.5	14.7	12.7	19.9	2.3	0.4	0.7	
Morristown	218	201	307	190	177	272	24	22	30	4	2	5	87.2	88.1	88.0	11.0	10.9	9.8	1.8	1.0	1.6	
New Brunswick	6,448	5,264	4,590	2,909	2,411	2,347	3,462	2,711	2,121	77	142	122	45.1	45.8	51.1	53.7	51.5	46.2	1.2	2.7	2.7	
Newark	63,084	59,886	50,997	44,958	42,847	36,165	17,159	15,308	13,093	907	1,730	1,439	71.3	71.5	71.3	27.2	25.6	25.8	1.5	2.9	2.8	
Hoboken	2,126	1,770	(*)	1,636	1,337	(*)	1,483	370	(*)	7	54	(*)	77.0	75.5	.....	22.7	21.4	.....	0.3	3.1	.....
Passaic	17,142	14,654	11,000	9,250	7,937	5,815	7,584	6,206	5,232	308	421	453	54.0	54.2	48.3	44.2	43.0	47.6	1.8	2.9	4.1	
Paterson	30,925	31,981	28,509	18,466	18,391	18,164	11,836	12,570	9,162	633	1,011	1,183	59.7	57.5	63.7	38.3	39.3	32.1	2.0	3.2	4.1	
Perth Amboy	9,202	7,082	(*)	6,798	5,584	(*)	2,218	1,340	(*)	189	158	(*)	73.9	78.8	.....	24.1	18.0	.....	2.0	2.2	.....
Phillipsburg	4,359	3,432	3,148	3,118	2,718	2,382	1,173	649	704	68	65	62	71.5	79.2	75.7	20.9	18.0	22.4	1.6	1.0	2.0	
Plainfield	1,832	1,758	1,986	1,466	1,454	1,456	1,371	292	523	5	12	7	79.5	82.7	73.3	20.9	16.6	26.3	0.3	0.7	0.4	
Trenton	19,828	18,543	14,130	15,469	14,751	11,125	8,832	3,484	2,518	540	808	487	78.0	79.6	78.7	19.3	18.8	17.8	2.7	1.7	3.4	
Union	1,479	1,855	1,859	844	834	890	625	901	808	10	30	98	57.1	45.0	48.0	42.3	53.4	46.8	0.7	1.6	5.3	
West Hoboken	3,454	2,782	3,562	1,395	1,127	1,550	2,016	1,511	1,726	43	114	286	40.4	40.5	43.5	58.4	55.4	48.5	1.2	4.1	8.1	
West New York	2,335	1,508	.....	1,320	770	.....	1,007	694	.....	8	44	.....	50.5	51.1	.....	43.1	46.0	.....	0.3	2.9	.....

* Figures do not agree with those published in 1909 because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.
 * Figures not comparable.

In all cities, except Garfield, New Brunswick, and West Hoboken, the proportion of adult male wage earners was in excess of that for adult females in 1914 and in 1909. In 1914 the largest proportion of adult males (95.5 per cent) is shown for Atlantic City, the largest proportion of adult females (59.2 per cent) for Gloucester, and the largest proportion of children (3.1 per cent) for Irvington. The employment of children has steadily declined in a majority of the cities, the most pronounced decrease being in Newark.

The 540 wage earners under 16 years of age employed in Trenton in 1914 represent an increase of 75.3 per cent over 1909 and of 10.9 per cent during the decade. In this city the children were employed chiefly in tobacco factories. During the last five years all cities, except Long Branch, Paterson, and Union, reported an increase in the total average number of wage earners. The highest percentage of increase (132) appears for Garfield and the next highest (70.6) for Irvington.

Table 8

CITY.	PER CENT OF INCREASE ¹ IN AVERAGE NUMBER OF WAGE EARNERS.				CITY.	PER CENT OF INCREASE ¹ IN AVERAGE NUMBER OF WAGE EARNERS.					
	Period.	Total.	16 years of age and over.			Period.	Total.	16 years of age and over.		Under 16 years of age.	
			Male.	Female.				Male.	Female.		
Asbury Park.....	1909-1914	18.2	-20.2	.....	Millville.....	1904-1914	15.6	18.0	28.5	-47.1
Atlantic City.....	1904-1914	140.9	142.3	.....	1909-1914	15.8	14.9	30.2	-30.1	.....
	1909-1914	16.8	14.8	.....	1904-1909	-0.2	2.7	-7.6	-17.2	.....
	1904-1909	108.3	111.0	.....	Montclair.....	1904-1914	153.0	164.2	.....	.....
Bayonne.....	1904-1914	43.8	33.4	768.1	-52.0	1909-1914	51.6	44.7	.....	.....
	1909-1914	35.0	37.1	40.3	-63.8	1904-1909	60.0	82.5	.....	.....
	1904-1909	6.5	-2.7	519.0	30.1	Morristown.....	1904-1914	-29.0	-30.1
Bloomfield.....	1909-1914	7.4	22.1	-5.0	.....	1909-1914	8.5	7.3	.....	.....
	1904-1914	8.9	9.5	33.0	-73.0	1904-1909	-34.5	-34.9	.....	.....
Bridgeton.....	1909-1914	3.9	10.7	-11.4	New Brunswick.....	1904-1914	40.5	23.9	63.2	-36.9
	1904-1914	4.9	-1.1	50.1	-69.6	1909-1914	22.5	20.7	27.7	-45.8	
	1904-1909	.....	.....	.....	.....	1904-1909	14.7	2.7	27.8	10.4
Camden.....	1904-1914	78.0	91.1	58.1	-71.8	Newark.....	1904-1914	24.4	24.3	31.1	-32.8
	1909-1914	36.4	42.5	28.9	-69.3	1909-1914	5.3	4.9	12.1	-44.1	
	1904-1909	30.5	34.1	24.6	-8.2	1904-1909	18.1	18.5	16.0	20.2	
East Orange.....	1904-1914	123.2	103.8	204.0	Orange.....	1909-1914	20.1	22.4	27.4
	1909-1914	40.0	28.1	86.4	Passaic.....	1904-1914	55.8	74.0	45.0	-32.0
	1904-1909	62.3	50.1	63.1	.....	1909-1914	17.0	16.5	20.4	-26.8
Elizabeth.....	1904-1914	4.3	-2.6	80.0	.....	1904-1909	33.2	49.3	20.3	-7.1
	1909-1914	1.0	-3.7	39.0	Paterson.....	1904-1914	8.5	1.6	20.2	-46.5
	1904-1909	3.3	1.2	29.5	.....	1909-1914	-3.3	0.4	-5.9	-37.4
Garfield.....	1909-1914	132.0	137.8	130.7	.....	1904-1909	12.2	1.2	37.3	-14.5
Hackensack.....	1909-1914	3.8	-0.8	14.6	Perth Amboy.....	1909-1914	20.9	21.7	65.5	17.7
Harrison.....	1904-1914	83.3	145.1	-5.5	Phillipsburg.....	1904-1914	38.5	30.9	66.6
	1909-1914	7.4	20.1	-20.9	.....	1909-1914	27.0	14.7	80.7	.....
	1904-1909	70.6	104.0	19.5	.....	1904-1909	9.0	14.1	-7.8	.....
Hoboken.....	1904-1914	28.5	28.5	51.3	-70.6	Plainsfield.....	1904-1914	-7.8	(2)	-29.1
	1909-1914	17.8	16.4	30.8	-52.0	1909-1914	4.2	0.1	27.1	.....
	1904-1909	9.1	10.4	15.7	-38.7	1904-1909	-11.5	-0.1	-44.2	.....
Irvington.....	1909-1914	70.6	81.2	.....	Trenton.....	1904-1914	40.3	38.9	52.2	10.9
Jersey City.....	1904-1914	52.4	47.9	75.4	-51.4	1909-1914	6.9	4.8	10.0	75.3	
	1909-1914	21.9	20.0	31.2	-45.3	1904-1909	31.2	32.6	38.4	-36.8	
	1904-1909	25.1	23.3	33.7	-11.1	Union.....	1904-1914	-20.3	-5.2	-28.0
Kearny.....	1904-1914	290.9	432.2	88.2	-80.1	1909-1914	-20.3	1.2	-36.9	.....
	1909-1914	27.3	28.2	26.4	.....	1904-1909	-0.1	-6.3	14.2	.....
	1904-1909	207.1	354.0	48.9	-78.9	West Hoboken.....	1904-1914	-3.0	-10.0	16.8	-85.0
Long Branch.....	1909-1914	-1.2	-13.1	17.6	.....	1909-1914	24.2	23.8	30.8	-62.3
						1904-1909	-21.9	-27.3	-10.7	-60.1	
						West New York.....	1909-1914	54.8	71.4	45.1

¹ A minus sign (-) denotes decrease; percentages are omitted where base is less than 100.

² Same number reported for both years.

Wage earners employed, by months.—The following table gives, for all industries combined, the total number of wage earners employed on the 15th of each month, or the nearest representative day, for 1914 and 1909, and the average number employed during each month in 1904, together with the percentage which the number reported for each month forms of the greatest number reported for any month.

For 1914 the spring months show the greatest activity in the manufactures of the state, the maximum number of wage earners appearing for April and the minimum for December. In 1909 the maximum month was December and the minimum January, and in 1904 the maximum was October and the minimum January. The widest variation between the months of greatest and least activity in any one of the three census years was 30,231, or 8.8 per cent of the maximum, in 1909.

Table 9

MONTH.	WAGE EARNERS IN MANUFACTURING INDUSTRIES.					
	Number. ¹			Per cent of maximum.		
	1914	1909	1904	1914	1909	1904
January.....	375,612	313,158	259,169	97.9	91.2	94.7
February.....	377,720	313,216	262,295	98.4	91.2	95.8
March.....	381,106	318,401	267,348	99.3	92.7	97.7
April.....	383,330	321,883	269,043	100.0	93.7	98.3
May.....	383,376	321,876	268,156	99.9	93.7	98.0
June.....	379,332	321,969	264,334	98.8	93.8	96.6
July.....	371,217	318,216	258,571	96.7	92.7	94.5
August.....	367,483	323,506	263,173	95.7	94.2	96.2
September.....	372,481	334,710	272,363	97.0	97.5	99.5
October.....	372,664	341,539	273,680	97.1	99.5	100.0
November.....	362,322	342,786	269,983	94.4	99.8	98.6
December.....	356,057	343,389	267,858	92.8	100.0	97.9

¹ The figures for 1914 and 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during the month.

Table 10 gives the total average number of wage earners employed during 1914, together with the total number employed on the 15th of each month, or the nearest representative day, for the combined

industries of the state, for a number of selected industries, and for the total industries of each of the 33 cities having more than 10,000 inhabitants, for which separate statistics can be shown.

Table 10

WAGE EARNERS: 1914.
 [Month of maximum employment for each industry is indicated by boldface figures and that of minimum by *italic* figures.]

INDUSTRY AND CITY.	A ver- age num-ber em- ployed dur-ing year.	Number employed on 15th day of the month or nearest representative day.												Per cent min- imum is of max- imum.
		Janu- ary.	Febru- ary.	March.	April.	May.	June.	July.	August.	Septem- ber.	Octo- ber.	Novem- ber.	Decem- ber.	
All industries.....	373,605	375,612	377,720	381,106	383,830	383,376	370,332	371,217	307,483	372,481	372,664	362,322	366,067	92.8
Boots and shoes, including cut stock and findings.....	4,080	4,371	4,441	3,954	4,107	4,157	4,117	4,043	4,134	3,961	3,858	3,844	3,983	86.3
Bread and other bakery products....	5,712	5,521	6,500	5,540	5,600	5,700	5,771	5,875	5,933	5,848	5,772	5,730	5,745	92.9
Brick, tile, pottery, and other clay products.....	13,011	11,802	11,995	12,289	13,552	14,271	14,359	14,353	14,098	13,687	13,014	11,998	10,814	75.3
Canning and preserving.....	3,154	1,598	1,643	1,731	1,890	1,846	2,020	2,422	4,109	8,092	6,683	3,429	1,787	19.7
Cars and general shop construction and repairs by steam-railroad companies.....	6,835	7,260	7,173	6,018	6,704	6,669	6,655	6,714	6,730	6,778	6,818	6,825	6,816	91.3
Chemicals.....	6,276	6,284	6,226	6,377	6,372	6,421	6,286	5,991	6,105	6,301	6,327	6,350	6,272	93.3
Clothing, men's, including shirts.....	8,217	8,184	8,230	8,250	8,107	8,257	8,228	8,059	8,240	8,486	8,213	8,150	8,128	95.2
Clothing, women's.....	5,423	5,371	5,597	5,883	5,847	5,584	5,141	4,662	5,077	5,452	5,655	5,589	5,294	70.4
Copper, tin, and sheet-iron products.....	5,233	5,218	5,267	5,186	5,506	5,389	5,468	5,347	5,257	5,348	5,308	4,939	4,673	83.1
Cordage and twine and jute and linen goods.....	3,151	3,245	3,262	3,327	3,258	3,231	3,083	3,022	3,017	3,114	3,105	3,093	3,055	90.7
Cotton goods, including cotton small wares.....	7,394	7,266	7,481	7,465	7,627	7,672	7,423	7,441	7,407	7,489	7,214	7,032	7,091	92.3
Dyeing and finishing textiles.....	11,683	11,790	12,140	12,261	12,180	11,963	11,552	11,435	11,543	12,019	11,706	10,961	10,746	87.6
Electrical machinery, apparatus, and supplies.....	14,405	16,208	15,786	15,634	15,327	14,990	14,603	14,082	13,417	13,156	13,009	13,204	13,494	80.3
Foundry and machine-shop products.....	31,057	31,794	31,654	31,776	32,072	32,188	31,927	31,721	31,646	30,431	30,004	28,683	28,825	89.1
Furnishing goods, men's.....	4,144	4,050	4,171	4,182	4,183	4,203	4,203	4,189	4,077	4,174	4,229	4,105	3,661	93.4
Glass.....	5,784	6,790	6,038	7,040	6,077	6,715	5,911	3,888	3,242	3,242	6,336	6,884	6,754	26.7
Hats, fur-felt.....	4,401	4,421	4,410	4,385	4,276	4,274	4,315	4,445	4,485	4,557	4,365	4,304	4,304	93.6
Hosiery and knit goods.....	4,025	3,873	3,881	3,936	4,020	4,022	3,997	4,027	4,071	4,110	4,210	4,130	4,023	92.0
Iron and steel, steel works and rolling mills.....	4,630	4,751	4,888	4,913	4,840	4,698	4,491	4,527	4,423	4,454	4,595	4,472	4,416	89.9
Jewelry.....	3,408	3,541	3,580	3,588	3,577	3,558	3,471	3,279	3,414	3,373	3,214	3,151	3,140	87.5
Leather, tanned, curried, and finished.....	5,198	5,466	5,357	5,454	5,275	5,316	5,115	4,963	4,856	4,998	4,978	4,851	4,697	85.4
Lumber and timber products.....	4,892	5,050	4,978	4,844	4,995	4,920	5,117	5,014	4,910	4,906	4,823	4,650	4,494	87.8
Millinery and lace goods.....	5,573	5,872	6,146	6,099	5,848	5,374	5,212	4,873	5,004	5,715	5,772	5,520	5,435	79.3
Paper and wood pulp.....	2,927	2,936	2,903	2,899	2,994	2,931	2,933	2,944	2,944	2,939	2,927	2,898	2,900	96.8
Printing and publishing.....	5,433	5,445	5,463	5,474	5,337	5,514	5,518	5,383	5,243	5,347	5,556	5,577	5,330	94.0
Rubber goods, not elsewhere specified.....	6,316	6,869	6,188	6,301	6,550	6,846	6,906	6,621	6,174	6,121	6,123	6,013	5,984	85.0
Shipbuilding, including boat building.....	6,324	6,291	6,190	6,324	6,623	6,790	6,827	6,687	6,259	5,921	5,958	5,926	6,092	86.7
Silk goods, including throwsters.....	28,293	28,801	29,086	29,287	29,526	29,674	29,126	28,410	28,246	27,857	27,301	25,937	26,846	87.1
Smelting and refining, copper.....	3,344	3,625	3,645	3,633	3,683	3,608	3,627	3,591	3,337	2,857	2,775	2,793	2,684	75.3
Tobacco manufactures.....	15,830	15,850	16,051	16,456	16,197	16,223	15,639	15,441	15,952	15,982	15,700	15,461	14,993	91.0
Woolen, worsted, and felt goods, and wool hats.....	14,464	13,681	14,188	14,038	14,505	14,660	14,644	14,516	14,286	14,663	14,843	14,678	14,257	92.2
All other industries.....	123,099	123,475	123,344	125,022	128,189	125,886	125,061	123,272	121,113	120,981	121,906	121,058	119,881	95.0
Total for cities ¹	283,219	286,023	288,031	290,366	291,473	290,598	287,375	281,885	277,589	270,176	280,732	274,320	270,150	92.7
ASBURY PARK.....	312	300	292	296	326	338	351	375	363	304	281	257	261	68.5
ATLANTIC CITY.....	918	775	782	850	876	970	1,042	1,126	1,112	1,004	876	808	780	68.8
BAYONNE.....	10,150	10,780	10,494	10,343	10,575	10,551	10,464	10,371	9,522	9,611	10,010	9,714	9,395	86.5
BLOOMFIELD.....	3,177	3,477	3,482	3,430	3,342	3,131	3,199	3,148	3,167	3,102	2,931	2,860	2,835	82.0
BRIDGETON.....	2,479	2,341	2,429	2,077	2,521	2,581	2,590	2,467	1,708	2,194	2,796	2,956	2,483	57.8
CAMDEN.....	22,541	22,761	23,135	23,143	22,781	22,589	22,427	22,359	22,258	22,462	22,218	22,225	22,134	95.6
EAST ORANGE.....	1,940	1,810	1,792	1,888	2,032	2,046	2,031	2,000	1,867	1,806	2,023	2,025	1,968	86.7
ELIZABETH.....	12,870	14,257	13,909	13,823	13,758	13,706	13,574	13,545	13,140	11,389	11,218	11,054	11,056	77.5
ENGLEWOOD.....	91	73	72	99	100	97	97	97	96	96	97	95	73	72.0
GARFIELD.....	5,899	5,710	5,873	5,904	5,900	5,443	5,510	5,664	5,850	6,105	6,295	6,217	6,347	85.8
GLOUCESTER.....	1,945	1,851	1,875	1,873	1,898	1,888	1,925	1,807	1,872	2,111	2,177	2,083	1,990	83.0
HACKENSACK.....	766	766	753	768	799	797	772	758	715	701	758	736	736	73.7
HARRISON.....	7,404	7,652	7,655	7,677	7,818	7,856	7,657	7,621	7,330	7,084	7,070	6,789	6,659	84.8
HOBOKEN.....	9,290	9,059	9,067	9,147	9,512	9,727	9,651	9,380	9,124	9,065	9,360	9,261	9,187	92.6
IRVINGTON.....	921	924	926	920	922	951	985	937	922	894	935	880	866	86.9
JERSEY CITY.....	31,021	30,671	31,341	32,253	31,926	31,805	31,107	30,325	30,577	31,420	31,376	30,493	28,958	89.8
KEARNY.....	5,094	5,357	5,119	5,052	5,233	5,165	5,081	5,026	4,946	5,043	5,191	4,945	4,670	92.3
LONG BRANCH.....	410	390	395	417	430	448	454	452	446	433	381	374	340	73.6
MILLVILLE.....	3,198	3,402	3,510	3,567	3,630	3,573	3,363	2,847	1,864	2,307	3,429	3,410	3,384	51.3
MONTCLAIR.....	382	329	314	340	373	414	432	422	415	425	407	374	339	72.7
MORRISTOWN.....	218	212	225	215	228	226	240	227	227	219	217	191	189	78.8
NEW BRUNSWICK.....	6,448	6,560	6,583	6,581	6,618	6,547	6,453	6,220	6,067	6,335	6,498	6,459	6,449	91.7
NEWARK.....	63,084	64,142	64,161	64,290	64,773	64,193	63,530	61,662	62,223	62,907	62,684	61,607	60,666	94.0
ORANGE.....	2,126	2,231	2,172	2,136	2,066	2,064	2,080	2,077	2,113	2,140	2,167	2,129	2,134	92.5
PASSAIC.....	17,142	16,281	16,552	16,836	17,158	17,513	17,392	17,393	17,183	17,672	17,954	17,097	16,673	90.7
PATERSON.....	80,925	81,707	81,935	82,097	82,258	81,980	81,394	80,563	80,584	80,825	80,231	79,033	78,693	88.9
PERTH AMBOY.....	9,202	9,314	9,416	9,679	9,841	10,026	9,904	9,851	9,279	8,583	8,252	8,144	8,155	81.1
PHILIPSBURG.....	4,350	4,348	4,367	4,356	4,433	4,478	4,559	4,634	4,609	4,517	4,302	3,813	3,887	82.4
PLAINFIELD.....	1,832	1,816	1,874	1,920	1,855	1,868	1,868	1,765	1,733	1,688	1,766	1,874	1,956	85.3
TRENTON.....	19,828	20,029	20,039	20,231	20,248	20,192	19,992	19,727	19,451	19,445	19,758	19,488	19,436	95.8
UNION.....	1,479	1,518	1,514	1,528	1,510	1,464	1,471	1,477	1,470	1,471	1,456	1,454	1,438	94.0
WEST HOBOKEN.....	3,454	3,518	3,525	3,535	3,563	3,559	3,504	3,319	3,399	3,485	3,420	3,359	3,263	91.3
WEST NEW YORK.....	2,335	2,457	2,513	2,434	2,469	2,373	2,341	2,229	2,214	2,274	2,267	2,218	2,181	86.8

¹ Excludes West Orange, to avoid disclosure of individual operations.

A majority of the industries, for which separate figures are given in Table 10, shows stability of employment during 1914, the variation for all industries combined being only 7.2 per cent between the number of wage earners reported for the months of maximum and minimum employment. Canning and preserving shows the greatest fluctuation, the number of wage earners employed in January being but 19.7 per cent of the number employed in September, when the canning season is at its height. The manufacture of glass also shows great variation, the number of wage earners in August being only 26.7 per cent of the number in March. The manufacture of paper and wood pulp furnishes regular employment to almost the entire number of wage earners engaged in the industry, the minimum forming 96.8 per cent of the maximum.

Of the 33 cities, Millville shows the greatest fluctuation, the percentage that the minimum formed of the

maximum for this city being only 51.3. The greatest stability of employment is shown for Trenton, for which the percentage was 95.8, while for Camden, Newark, Union, Hoboken, Orange, Kearny, New Brunswick, West Hoboken, Passaic, and all cities combined it was more than 90 per cent.

Prevailing hours of labor.—In Table 11 the average number of wage earners reported for 1914 and 1909, for all industries combined and for selected industries, have been classified according to the number of hours of labor per week prevailing in the establishments in which they were employed. A similar classification is given for 1914 only, for all industries combined in each city having more than 10,000 inhabitants, for which separate statistics can be given. The number employed in each establishment is classified as a total even though a few employees worked a greater or a smaller number of hours.

Table 11

INDUSTRY AND CITY.	Cen- sus year.	AVERAGE NUMBER OF WAGE EARNERS.								
		Total.	In establishments where the prevailing hours of labor per week were—							
			48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	1914 1909	373,605 323,223	28,298 16,189	62,279 25,713	60,538 45,861	177,308 175,701	32,349 40,716	7,051 7,611	3,523 2,461	2,259 4,071
Boots and shoes, including cut stock and findings.....	1914 1909	4,080 4,232	250 14	320 12	4 71	3,475 3,680	31 455			
Bread and other bakery products.....	1914 1909	5,712 4,936	465 256	123 39	1,536 670	411 306	2,931 2,922	192 548	40 173	14 22
Brick, tile, pottery, and other clay products.....	1914 1909	13,011 13,220	1,897 812	2,177 2,105	3,787 2,012	2,348 3,298	2,734 4,693	68		
Canning and preserving.....	1914 1909	3,154 1,818	221 149	177 82	203 97	1,485 485	1,064 4	10	7	
Cars and general shop construction and repairs by steam-railroad com- panies.....	1914 1909	4,835 0,604	779 1,002	3,659 1,337	1,061 1,490		134 598	515 990		87 155
Chemicals.....	1914 1909	6,276 5,046	25 6	91 20	65 90	3,457 2,804	1,115 992	435 198	168 74	920 862
Clothing, men's, including shirts.....	1914 1909	8,217 6,994	638 661	1,935 951	771 447	4,712 4,574	161 361			
Clothing, women's.....	1914 1909	5,423 4,210	277 43	2,464 1,305	1,491 1,197	1,061 1,511	104 160	26		
Copper, tin, and sheet-iron products.....	1914 1909	5,233 5,002	775 899	474 58	1,220 551	2,574 3,295	100 199			
Cordage and twine and jute and linen goods.....	1914 1909	3,151 3,025	3 1		221 301	2,707 2,671	220 52			
Cotton goods, including cotton small wares.....	1914 1909	7,394 6,638		47 3	5	6,651 5,537	691 1,098			
Dyeing and finishing textiles.....	1914 1909	11,683 10,129	7 4	912 33	159 60	9,203 6,194	1,402 2,968	870		
Electrical machinery, apparatus, and supplies.....	1914 1909	14,405 11,099	262 147	3,638 107	4,878 4,160	5,223 6,561	404 104		20	
Foundry and machine-shop products.....	1914 1909	31,057 27,815	1,121 326	3,657 1,883	10,434 11,753	12,944 9,507	2,173 4,343	726 3	2	
Furnishing goods, men's.....	1914 1909	4,144 2,458	111 25	678	25 618	3,330 1,748		07		
Glass.....	1914 1909	5,784 5,651	864 1,007	3,602 2,451	918 420		151		249	
Hats, fur-felt.....	1914 1909	4,401 4,657	700 619	3,075 3,295	245 108	374 366	7 269			
Hosiery and knit goods.....	1914 1909	4,025 2,506	73 24	171 100	363 107	3,328 2,140	90 126			
Iron and steel, steel works and rolling mills.....	1914 1909	4,639 4,671		1,842 225	579 1,007	1,067 2,134	1,151 224	1,081		
Jewelry.....	1914 1909	3,408 4,008	521 157	607 464	1,077 1,652	1,201 1,582	2 153			

Table 11—Continued.

INDUSTRY AND CITY.	Cen- sus year.	AVERAGE NUMBER OF WAGE EARNERS.							
		Total.	In establishments where the prevailing hours of labor per week were—						
			48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.
Leather, tanned, curried, and finished.....	1914 1909	5,108 5,500	110 180	341 245	283 115	3,592 4,578	782 442	.....	.....
Lumber and timber products.....	1914 1909	4,892 4,857	634 728	726 908	1,426 1,371	1,551 1,095	555 750	6	.....
Millinery and lace goods.....	1914 1909	5,673 4,120	53 114	205 65	2,210 523	2,751 2,904	350 483	4 31	.....
Paper and wood pulp.....	1914 1909	2,027 2,223	.....	.....	78	789 394	438 194	707 726	915 843
Printing and publishing.....	1914 1909	5,433 5,451	3,509 3,251	929 1,141	624 640	285 315	83 79	3 25	.....
Rubber goods, not elsewhere specified.....	1914 1909	6,316 4,255	10	1,139 15	41 10	3,666 2,571	1,460 1,659	.....	.....
Shipbuilding, including boat building.....	1914 1909	6,324 4,800	5,005 150	652 101	569 1,278	1 340	35 2,910	2	.....
Silk goods, including throwsters.....	1914 1909	28,293 30,286	33 42	1,532 477	534 190	26,148 29,448	16 128	.....	.....
Smelting and refining, copper.....	1914 1909	3,344 2,322	.....	.....	792	1,015	637 1,238	.....	1,084
Tobacco manufactures.....	1914 1909	15,830 9,466	1,005 712	503 205	812 486	12,908 6,562	602 1,400	.....	2
Woolen, worsted, and felt goods, and wool hats.....	1914 1909	14,464 12,652	.....	.....	13 8	14,444 11,747	7 744	.....	.....
All other industries.....	1914 1909	123,099 105,438	8,890 4,848	20,003 7,894	23,514 14,429	43,707 52,540	12,029 18,618	4,369 2,038	2,149 1,344
Total for cities ¹	1914	283,210	24,302	48,825	48,042	137,363	18,269	4,436	1,323
ASBURY PARK.....	1914	312	46	109	89	5	52	11	.....
ATLANTIC CITY.....	1914	618	213	66	303	1	220	54	28
BAYONNE.....	1914	10,150	43	301	6,817	1,464	174	317	820
BLOOMFIELD.....	1914	3,177	124	91	1,091	1,243	8	.....	50
BRIDGETON.....	1914	2,470	904	213	201	674	339	3	3
CAMDEN.....	1914	22,541	4,407	1,058	7,103	7,432	1,134	1,355	23
EAST ORANGE.....	1914	1,849	117	117	682	683	49	.....	.....
ELIZABETH.....	1914	12,870	693	8,874	1,028	1,792	430	34	20
ENGLEWOOD.....	1914	91	10	4	28	21	15	.....	.....
GARFIELD.....	1914	5,869	22	2	37	5,204	604	.....	4
GLOUCESTER.....	1914	1,945	1,381	2	21	320	216	2	.....
HACKENSACK.....	1914	766	112	27	18	553	52	.....	4
HARRISON.....	1914	7,404	503	2,146	1,841	2,050	800	4	.....
HOBOKEN.....	1914	6,290	1,344	2,065	802	4,398	469	86	20
IRVINGTON.....	1914	621	48	145	227	481	20	.....	.....
JERSEY CITY.....	1914	31,021	1,709	4,888	6,301	13,688	3,414	782	224
KEARNY.....	1914	5,064	25	1,674	115	2,837	442	1	.....
LONG BRANCH.....	1914	410	83	211	23	6	27	60	.....
MILLVILLE.....	1914	3,198	8	2,004	8	1,104	64	10	.....
MONTCLAIR.....	1914	382	68	43	27	51	18	175	.....
MORRISTOWN.....	1914	248	58	57	29	11	61	2	4
NEW BRUNSWICK.....	1914	6,448	304	307	1,323	4,303	147	3	1
NEWARK.....	1914	63,084	6,890	11,611	11,391	28,048	4,110	892	82
ORANGE.....	1914	2,126	230	1,562	30	279	24	11	.....
PASSAIC.....	1914	17,142	370	763	66	14,275	1,054	1	4
PATERSON.....	1914	30,025	1,194	619	456	27,751	718	182	5
PERTH AMBOY.....	1914	9,202	168	187	2,091	5,752	822	152	7
PHILLIPSBURG.....	1914	4,359	32	414	28	3,154	713	.....	23
PLAINFIELD.....	1914	1,832	77	414	649	637	50	5	.....
TRENTON.....	1914	19,828	2,540	7,749	3,025	5,418	780	195	33
UNION.....	1914	1,470	277	435	32	378	244	90	23
WEST HOBOKEN.....	1914	3,454	174	232	677	2,289	74	8	.....
WEST NEW YORK.....	1914	2,335	60	398	483	1,660	325	.....	9

¹ Excludes West Orange, to avoid disclosure of individual operations.

The figures in this table emphasize the tendency toward a shortening of the working-day of wage earners. In 1909, 87,763, or 26.9 per cent of the total average number of wage earners for all industries combined, were employed in establishments where the prevailing hours of labor were 54 or less per week, as compared with 151,115, or 40.4 per cent, in 1914. On the other hand, the number of wage earners in

establishments where the prevailing working hours were 60 or more per week decreased from 64,759, or 19.9 per cent, in 1909 to 45,182, or 12.1 per cent, in 1914. The group of wage earners in establishments operating between 54 and 60 hours per week was the most important at both censuses, reporting 173,701, or 53.2 per cent of the total, in 1909 and 177,308, or 47.5 per cent, in 1914.

Among the separate industries, the most pronounced decrease in hours of labor occurred in shipbuilding concerns. In 1909 only 7 per cent of the wage earners in this industry were employed in establishments where the prevailing hours of labor were fewer than 54 per week, but in 1914 the proportion thus employed had increased to 90.4 per cent. Changes of the same character took place in steam-railroad repair shops and in the manufacture of brick, tile, pottery, and other clay products.

In the woolen, worsted, felt goods, and wool-hat factories, 99.9 per cent of the wage earners and in the silk mills 92.5 per cent were employed from 54 to 60 hours per week in 1914. In the printing and publishing and shipbuilding, including boat building, industries, 48 hours or less prevailed for a majority of the wage earners, while the greater proportion of the wage earners in bakeries worked 60 hours per week.

Of the combined total average number of wage earners in the 33 cities shown in the table, 91.3 per cent were in establishments where the prevailing hours of labor were less than 60 per week.

In a number of the cities, as in the state, the largest proportion of wage earners was in establishments operating between 54 and 60 hours per week, the highest percentage in this class, 89.7 per cent, being reported for Paterson, where the manufacture of silk is the principal industry. In Elizabeth 69 per cent of the wage earners were in establishments where the prevailing hours of labor were between 48 and 54 per week, while the largest proportion in the 54-hour group (67.2 per cent) appears for Bayonne.

Location of establishments.—Table 12 shows, for 1914, 1909, and 1899, the extent to which the manufactures in New Jersey were centralized in the cities having more than 10,000 inhabitants.

	Census year.	Aggregate.	CITIES HAVING A POPULATION OF 10,000 OR OVER.							DISTRICTS OUTSIDE OF CITIES HAVING A POPULATION OF 10,000 OR OVER. ¹			
			Total.		10,000 to 25,000		25,000 to 100,000		100,000 and over.		Number or amount.	Per cent of aggregate.	
			Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.	Number or amount.	Per cent of aggregate.			
Number of places.....	1914 1910 1900		33 32 24		19 18 14		9 11 7		5 3 3				
Population ²	1914 1910 1900	2,815,003 2,537,187 1,883,039	1,837,804 1,035,803 1,125,018	65.3 40.5 59.7	317,540 271,930 218,271	11.3 10.7 11.6	493,036 623,079 349,073	17.5 24.6 18.5	1,026,028 740,848 557,074	36.5 29.2 29.6	977,859 901,304 758,651	34.7 35.5 40.3	
Number of establishments.....	1914 1909 1899	9,742 8,817 6,415	6,309 5,954 4,253	70.5 67.5 66.3	1,045 838 586	10.7 9.5 9.1	1,305 1,812 1,072	13.4 20.6 16.7	4,519 3,304 2,596	46.4 37.5 40.5	2,873 2,803 2,162	29.5 32.5 33.7	
Average number of wage earners.....	1914 1909 1899	373,605 329,223 213,975	283,219 249,834 160,842	75.8 76.0 75.2	48,719 40,846 24,567	13.0 12.5 11.5	67,101 91,660 47,404	18.0 28.1 22.2	167,399 117,320 88,811	44.8 36.0 41.5	90,380 76,989 53,133	24.2 23.4 24.8	
Value of products.....	1914 1909 1899	\$1,406,633,414 1,145,529,076 533,005,034	\$1,000,474,035 800,496,813 419,801,662	77.5 78.3 76.9	\$135,680,866 102,081,119 53,854,751	9.6 8.9 9.7	\$374,680,064 394,489,798 131,737,132	26.6 34.4 23.8	\$580,204,105 890,925,896 231,159,779	41.2 34.9 42.3	\$316,159,379 249,032,263 133,204,022	22.5 21.7 24.1	
Value added by manufacture.....	1914 1909 1899	523,168,820 425,495,677 218,279,590	403,982,399 329,712,587 166,024,706	77.2 77.5 76.1	60,955,320 48,057,304 22,626,292	11.7 11.3 10.4	94,710,715 120,408,974 45,331,841	18.1 28.3 20.8	248,316,364 161,246,300 98,067,573	47.5 37.9 44.9	119,186,421 95,783,000 62,254,884	22.8 22.5 23.9	

¹ Includes West Orange, in 1914, to avoid disclosure of individual operations.

² Census estimate of population for 1914.

Table 12 shows that the increase in the manufactures of the state was general and extended to both the urban and rural districts. During the fifteen years covered by the table, the value of products for the urban districts represented by the cities of 10,000 inhabitants or over increased 159.7, while that reported for rural districts increased 137.3 per cent. Comparisons for the cities or for the districts outside are affected by the increase in the population of cities. Gloucester and Englewood each had less than 10,000 inhabitants in 1909, and statistics for these cities were at that date included with those of the outside districts, but in 1914 they were classed with the places having a population of 10,000 and over. The increase in the population of Camden and Trenton transferred them from the group of cities having from 25,000 to

100,000 inhabitants to the group with 100,000 and over. The 33 cities, which contained 65.3 per cent of the population of the state, reported 77.5 per cent of the total value of products and 75.8 per cent of the total average number of wage earners. The corresponding proportions for 1909 and 1904 differ slightly from those which obtained in 1914.

The relative importance in manufactures of each of 33 cities having more than 10,000 inhabitants, as measured by the average number of wage earners and by value of products, in 1914, 1909, and 1904, is shown in Table 13. Those for which comparative figures are not shown for 1909 and 1904 had fewer than 10,000 inhabitants in those years. Statistics for West Orange are omitted in order to avoid disclosure of individual operations.

CITY.	AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.		
	1914	1909	1904	1914	1909	1904
	Newark.....	63,084	59,885	50,697	\$210,601,047	1201,888,269	$150,055,227
Jersey City.....	31,021	25,454	20,353	164,528,608	128,774,978	75,740,934
Perth Amboy.....	9,202	17,082	(*)	148,950,944	118,898,096	(*)
Bayonne.....	10,150	7,510	7,057	98,234,245	73,640,900	60,633,761
Paterson.....	30,025	31,981	28,509	78,428,639	100,202,959	54,673,083
Camden.....	22,541	16,527	12,661	71,823,905	49,137,874	33,587,273
Trenton.....	19,828	18,543	14,130	54,821,006	149,115,211	32,350,945
Passaic.....	17,142	14,654	11,000	53,267,859	140,732,557	22,782,725
Elizabeth.....	12,870	12,737	12,335	31,228,181	29,147,334	20,300,801
Hoboken.....	9,290	7,883	7,227	23,461,293	110,016,310	14,077,305
Harrison.....	7,404	10,893	4,040	17,960,500	113,709,877	8,408,924
Garfield.....	5,869	2,530	.....	16,113,402	8,893,710	.....
Kearny.....	5,094	4,001	1,303	15,410,840	112,380,445	4,427,904
New Brunswick.....	6,448	5,204	4,500	14,814,018	10,004,802	8,916,983
West New York.....	2,335	1,508	.....	13,969,963	9,273,717	.....
Phillipsburg.....	4,350	3,432	3,148	11,828,077	9,150,227	6,684,173
Bloomfield.....	3,177	2,957	.....	8,357,620	5,894,710	.....
Irington.....	921	540	.....	7,340,713	3,017,824	.....
West Hoboken.....	3,454	2,782	3,592	6,001,199	5,577,439	5,947,267
East Orange.....	1,049	1,380	854	5,405,985	3,724,879	2,326,552
Plainfield.....	1,832	1,758	1,980	5,008,880	3,648,746	3,572,134
Bridgeton.....	2,479	2,387	2,276	4,935,711	4,070,508	2,963,840
Gloucester.....	1,945	.....	.....	4,710,951	.....	.....
Millville.....	3,108	2,761	2,767	4,644,412	4,181,824	3,719,417
Orange.....	2,120	1,770	(*)	4,558,321	3,458,907	(*)
Union.....	1,479	1,855	1,856	4,465,201	5,883,402	3,512,451
Atlantic City.....	918	786	381	2,971,005	2,340,201	974,835
Hackensack.....	766	738	.....	2,252,503	1,077,966	.....
Montclair.....	382	292	161	1,431,788	1,025,585	621,145
Long Branch.....	410	415	.....	1,055,428	1,116,603	.....
Asbury Park.....	312	264	.....	705,702	602,194	.....
Morristown.....	218	201	307	684,260	724,233	704,412
Englewood.....	91	.....	.....	321,101	.....	.....

* Figures do not agree with those published, because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

† Figures not comparable.

With the exception of Long Branch, Morristown, and Union, each place for which comparative statistics are presented shows an increase in value of products from 1909 to 1914, and all but Elizabeth and West Hoboken show an increase from 1904 to 1909. Newark, the leading city of the state both in population and manufactures, shows an increase from 1909 to 1914 of \$8,712,788, or 4.3 per cent, in value of products, and of 3,199 or 5.3 per cent, in the average number of wage earners, the relative increase being much smaller during the last five-year period than during the period from 1904 to 1909. Newark reported 15 per cent of the manufactured products of the state in 1914, and furnished employment to 16.9 per cent of the total number of wage earners. Seven industries in the city had an output exceeding \$7,000,000 in value. These industries are the tanning, currying, and finishing of leather; smelting and refining of copper; the manufacture of foundry and machine-shop products; malt liquors; jewelry; electrical machinery, apparatus, and supplies; and paint and varnish. The smelting and refining of copper and 10 other industries with products exceeding \$1,000,000 in value can not be shown separately.¹ Other industries with prod-

¹ These industries are:

Brushes.	Gold and silver, reducing and refining, not from the ore.
Cars and general shop construction and repairs by electric-railroad companies.	Hat and cap materials.
Cotton goods.	Signs and advertising novelties.
Fertilizers.	Silversmithing and silverware.
Gas, illuminating and heating.	Watches, including cases and materials.

ucts valued at \$4,000,000 and over were the manufacture of chemicals, bread and other bakery products, slaughtering and meat packing, the manufacture of corsets, printing and publishing, and the manufacture of copper, tin, and sheet-iron products.

The total value of products reported for Jersey City increased \$35,753,630, or 27.8 per cent, from 1909 to 1914, and the average number of wage earners, 5,567, or 21.9 per cent. The leading industry of the city was slaughtering and meat packing, the products of which were valued at \$25,235,036, or 62.9 per cent of the total value of products for this industry in the state. Five important industries—tobacco manufactures, the refining of sugar, the refining of petroleum, the manufacture of soap, and of bags, other than paper—the statistics for which can not be shown separately, reported a total of 8,501 wage earners and a total value of products amounting to \$68,061,647 in 1914, or 27.4 per cent and 41.4 per cent, respectively, of the corresponding totals for the city. Statistics for 14 other industries having products of \$1,000,000 or over in value can not be shown without disclosing individual operations.² Other important industries were foundry and machine-shop products; bread and other bakery products; electrical machinery, apparatus, and supplies; silk goods; and chemicals.

Perth Amboy ranked third in value of manufactured products among the cities of the state in 1914, its high rank being due to the smelting and refining of copper. Other important industries were the manufacture of copper wire; electrical machinery, apparatus, and supplies; and chemicals.

Bayonne, the fourth city of the state in order of importance as measured by value of manufactured products, shows an increase of \$24,593,345, or 33.4 per cent, during the last five-year period, and of 2,631, or 35 per cent, in average number of wage earners. In 1914 the leading industries were petroleum, refining; smelting and refining, not from the ore; oil, cottonseed, and cake; foundry and machine-shop products; and electrical machinery, apparatus, and supplies.

In Paterson the value of manufactured products increased \$9,165,980, or 13.2 per cent, from 1909 to 1914, but the average number of wage earners decreased 1,056, or 3.3 per cent. Paterson ranked first among the cities of the United States in the manufacture of silk goods in 1914, 1909, and 1904. This industry reported products valued at \$44,672,401, or 57 per cent of the total for the city, and gave employment to 16,992 wage earners, or 54.9 per cent of the

² These industries are:

Belted and hose, woven and rubber.	Iron and steel, steel works and rolling mills.
Chocolate and cocoa products.	Liquors, malt.
Coffee and spice, roasting and grinding.	Oil, not elsewhere specified.
Cordage and twine.	Pencils, lead.
Dyestuffs and extracts.	Stoves, including gas and oil stoves.
Gas and electric fixtures and lamps.	Watches.
Gas, illuminating and heating.	
Ink, printing.	

total number. Other important industries were the dyeing and finishing of textiles, the manufacture of men's clothing, including shirts, and foundry and machine-shop products.

Camden shows an increase of \$22,686,031, or 46.2 per cent, in value of manufactures and 6,014, or 36.4 per cent, in average number of wage earners, from 1909 to 1914. The leading industries were the manufacture of phonographs and graphophones; canning and preserving; leather, tanned, curried, and finished; ship-building; and drug grinding.

The manufactures of Trenton increased in value \$5,706,695, or 11.6 per cent, from 1909 to 1914. The leading industries of the city, named in the order of their importance as measured by value of products, were wire; rubber goods; brick, tile, pottery, and other clay products; foundry and machine-shop products; and tobacco. Trenton is one of the leading cities in the United States in the production of brick, tile, pottery, and other clay products and is the center of the manufacture of fine pottery. In 1914 this industry gave employment to 4,911 wage earners and reported products valued at \$7,011,248, these figures representing 37.7 per cent and 42 per cent, respectively, of the totals for the industry in the state.

From 1909 to 1914 the value of products in Passaic increased \$12,535,302, or 30.8 per cent, and the average number of wage earners, 2,488, or 17 per cent. The three principal industries of the city in 1914 were the manufacture of woolen and worsted goods, the dyeing and finishing of textiles, and the manufacture of cotton goods. These industries manufactured products in 1914 amounting to \$28,742,598 in value and gave employment to 9,624 wage earners, or 54 per cent and 56.1 per cent, respectively, of the corresponding totals for the city.

The leading industries in Elizabeth in 1914 were sewing machines; wire; oil, not elsewhere specified; and boot and shoe cut stock.

In Hoboken the value of products increased \$4,444,988, or 23.4 per cent, and the average number of wage earners, 1,407, or 17.8 per cent, from 1909 to 1914. The foundry and machine-shop and ship-building industries were the most important in the city.

Atlantic City, although having an estimated population of more than 50,000 in 1914, can not be regarded as a manufacturing center. The manufacture of gas is the leading industry of the city.

The principal industries of the other incorporated places having a population of more than 10,000 were as follows: Harrison, foundry and machine-shop products and electrical machinery, apparatus, and supplies; Garfield, worsted goods and paper and wood pulp; Kearny, oilcloth and linoleum, chemicals, and slaughtering and meat packing; New Brunswick, surgical appliances and tobacco manufactures; West New

York, food preparations and silk goods; Phillipsburg, foundry and machine-shop products and silk goods; Bloomfield, electrical machinery, apparatus, and supplies; Irvington, reducing and refining gold and silver, not from the ore; West Hoboken, silk goods and millinery and lace goods; East Orange, electrical machinery, apparatus, and supplies; Plainfield, foundry and machine-shop products and automobiles; Bridgeton, glass; Gloucester, gas and electric fixtures; Millville, glass and cotton goods; Orange, fur-felt hats; Union, silk goods and malt liquors; Hackensack, silk goods and wall paper; Montclair, paper goods; Long Branch, men's furnishing goods and gas, illuminating and heating; Asbury Park and Morristown, bakeries; and Englewood, paper goods. In West Orange the manufacture of phonographs and electrical machinery, apparatus, and supplies were the leading industries.

Character of ownership.—Table 14 presents statistics in respect to character of ownership, or legal organization, of manufacturing enterprises. For all industries combined, for the state as a whole, comparative figures are given for 1914, 1909, and 1904; for selected industries, statistics for 1914 and 1909 are shown; and for individual cities the figures are for all industries combined, and relate only to 1914. In order to avoid disclosing the operations of individual establishments it is necessary to omit several important industries from this table.

There was an increase from 1909 to 1914 in the number of establishments throughout the state under each form of ownership, but in the average number of wage earners employed and in the value of products, corporations alone show a gain. Although only 32.5 per cent of the total number of establishments in the state were under corporate ownership in 1914, they gave employment to 83.8 per cent of the total number of wage earners and manufactured 88.9 per cent of the total value of products. In 1909 this class represented 29 per cent of all establishments, employed 78.9 per cent of the total wage earners, and contributed 84.8 per cent of the total value of products.

With few exceptions, both in 1914 and 1909, the largest proportion of wage earners and total value of products, in each of the 24 industries shown separately, was reported by establishments under corporate control. In the manufacture of cotton goods, paint and varnish, in the dyeing and finishing of textiles, and in the tobacco industry more than 90 per cent of the total value of products was reported by this class. Bakeries and flour mills and gristmills were, in the main, owned by individuals.

In cities having over 10,000 inhabitants, more than 70 per cent of the value of products in 1914, for all industries combined, is shown for corporations, except in Asbury Park, Long Branch, Morristown, and West Hoboken.

MANUFACTURES.

Table 14

INDUSTRY AND CITY.	Census year.	AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		NUMBER OF ESTABLISHMENTS OWNED BY—			Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.			
		Indiv- iduals.	Cor- pora- tions.	All oth- ers.		Indiv- iduals.	Cor- pora- tions.	All oth- ers.	Indiv- iduals.	Cor- pora- tions.	All oth- ers.		Indiv- iduals.	Cor- pora- tions.	All oth- ers.	Indiv- iduals.	Cor- pora- tions.	All oth- ers.	
All industries.....	1914	5,152	3,163	1,424	373,005	30,806	313,171	29,628	8.2	83.8	7.9	\$1,406,633,414	\$75,086,243	\$1,250,439,769	\$81,107,402	5.3	88.9	5.8	
	1900	4,888	2,590	1,369	326,223	33,304	257,252	35,665	10.2	78.9	10.9	1,145,529,076	83,854,860	971,904,531	89,769,685	7.3	84.8	7.9	
	1904	3,944	1,834	1,232	269,336	30,994	195,058	40,284	11.6	73.2	15.1	774,369,025	67,280,922	617,230,276	89,851,827	8.7	79.7	11.6	
Boots and shoes, includ- ing cut stock and find- ings.	1914	16	27	15	4,080	269	2,871	940	6.6	70.4	23.0	11,204,323	607,706	8,702,204	1,894,353	5.1	77.7	16.9	
	1900	21	21	11	4,232	352	2,940	940	8.3	69.5	22.2	8,041,623	846,281	5,488,477	1,706,865	10.5	68.3	21.2	
Bread and other bakery products.	1914	1,134	49	95	5,712	3,753	1,486	473	65.7	26.0	8.3	22,310,018	14,502,059	5,935,786	1,782,173	65.4	26.0	8.0	
	1909	1,114	27	76	4,936	3,621	1,000	355	73.4	19.4	7.2	20,085,629	14,778,642	3,885,929	1,421,058	73.6	19.3	7.1	
Clothing, men's, includ- ing shirts.	1914	72	26	54	8,217	3,143	2,529	2,545	38.2	30.8	31.0	11,547,363	2,678,319	5,633,255	3,235,789	23.2	48.8	28.0	
	1909	89	17	44	6,994	2,301	2,011	2,682	32.9	28.8	31.0	9,864,646	2,561,467	3,476,901	3,826,288	26.0	35.0	38.8	
Clothing, women's.....	1914	76	30	77	5,423	1,184	1,953	2,286	21.8	36.0	42.2	6,768,076	1,120,445	2,714,158	2,924,473	16.7	40.1	43.2	
	1909	62	20	27	4,216	1,094	1,817	1,305	25.9	43.1	31.0	5,927,091	1,067,950	3,070,801	1,788,280	18.0	51.8	30.2	
Confectionery.....	1914	42	24	0	1,583	166	1,234	183	10.5	78.0	11.6	4,888,001	369,833	3,810,160	708,008	7.6	77.9	14.5	
	1909	39	19	13	1,263	175	1,042	140	13.9	74.0	11.6	4,115,533	455,106	2,975,275	685,152	11.1	72.3	16.6	
Copper, tin, and sheet- iron products.	1914	105	60	31	5,233	493	4,693	177	8.8	87.8	3.4	12,499,728	1,147,740	10,884,278	467,704	0.2	87.1	3.7	
	1909	88	54	33	5,002	530	4,218	254	10.6	84.3	5.1	11,113,644	1,200,443	9,128,751	784,450	10.8	82.1	7.1	
Cotton goods, including cotton small wares.	1914	6	19	5	7,394	7	7,293	1,131	.....	98.2	1.8	16,782,164	.....	16,540,802	1,232,362	.....	98.6	1.4
	1909	5	17	4	6,038	78	6,272	288	.....	94.5	4.3	13,728,874	117,072	13,208,807	403,115	.....	96.2	2.9
Dyeing and finishing textiles.	1914	20	65	13	11,683	380	10,821	476	3.3	92.0	4.1	27,986,512	602,055	26,576,945	807,512	2.2	95.0	2.9	
	1909	19	42	6	10,129	296	9,397	499	2.0	92.5	4.6	15,795,788	388,837	14,704,571	702,380	2.5	93.1	4.4	
Flour-mill and gristmill products.	1914	135	22	39	341	196	67	78	57.5	19.0	22.9	4,320,424	2,105,028	910,425	1,304,971	48.7	21.4	30.2	
	1909	180	23	35	463	298	110	75	59.2	24.3	16.6	5,537,078	3,100,648	1,132,260	1,304,971	50.0	20.1	23.6	
Foundry and machine- shop products.	1914	419	348	141	31,057	2,991	20,224	1,842	9.6	84.4	5.9	74,126,941	5,704,518	64,905,062	3,517,361	7.7	87.6	4.7	
	1909	225	273	93	27,815	2,756	23,394	1,665	9.9	84.1	6.0	65,398,437	5,245,947	57,051,883	3,100,907	8.0	87.2	4.7	
Hats, fur-felt.....	1914	14	23	4	4,401	.....	3,629	1,775	.....	82.4	17.6	7,969,344	.....	6,801,258	11,108,080	.....	86.1	13.9
	1909	22	22	14	4,657	710	2,030	1,308	16.4	56.5	28.1	8,825,217	1,210,561	4,813,212	2,801,454	13.7	54.5	21.7	
Hosiery and knit goods.	1914	24	29	9	4,025	444	3,391	100	11.0	84.2	4.7	7,849,566	783,840	6,680,566	385,150	10.0	85.1	4.9	
	1909	14	14	9	2,506	330	1,863	304	13.5	74.3	12.1	3,810,241	522,759	2,801,027	486,455	13.7	73.5	12.8	
Jewelry.....	1914	48	82	45	3,408	366	1,987	1,055	10.7	68.3	31.0	11,347,455	1,230,266	6,507,884	3,549,275	10.8	57.9	31.3	
	1909	35	61	54	4,008	506	1,800	1,702	12.6	44.0	42.5	13,272,004	6,740,965	6,062,400	5,662,400	6.5	50.8	42.7	
Leather goods.....	1914	64	23	12	1,669	232	1,133	304	13.9	67.0	18.2	4,183,036	824,280	2,711,460	647,296	19.7	64.8	15.5	
	1909	57	25	17	1,813	278	1,323	212	15.3	73.0	11.7	4,004,739	704,424	2,928,030	372,285	17.6	73.1	9.3	
Leather, tanned, cur- ried, and finished.	1914	23	48	13	5,108	470	3,784	854	9.2	74.1	16.7	31,051,831	2,489,572	23,120,483	6,041,776	7.9	73.0	19.1	
	1909	18	45	23	5,566	264	3,984	1,312	4.7	71.7	23.0	28,430,955	1,612,248	19,011,110	7,807,588	5.7	69.9	27.5	
Lumber and timber products.	1914	218	107	57	4,892	1,293	3,167	442	26.4	64.5	0.0	12,482,553	2,587,781	8,896,014	998,758	20.7	71.3	8.0	
	1909	291	76	70	4,857	1,643	2,675	739	31.8	53.0	15.2	13,511,162	3,326,384	8,345,932	1,838,846	24.6	61.8	13.6	
Millinery and lace goods.	1914	172	53	51	5,573	1,572	3,277	724	28.2	58.8	13.0	10,485,723	2,751,706	6,239,995	1,494,022	26.2	59.5	14.2	
	1909	126	23	30	4,120	1,463	2,036	621	35.5	49.4	15.1	6,895,379	2,522,472	3,066,372	1,306,465	36.6	44.5	18.9	
Paint and varnish.....	1914	12	43	5	1,737	.....	1,618	119	.....	93.1	6.9	16,086,717	.....	15,002,843	11,083,874	.....	93.3	6.7
	1909	12	44	7	1,493	60	1,119	314	4.0	74.9	21.0	12,766,929	654,862	10,010,988	2,101,070	5.1	78.4	16.5	
Potent medicines and compounds and drug- gists' preparations.	1914	56	66	7	1,271	93	1,151	24	7.3	90.8	1.9	7,672,961	581,410	6,890,612	200,030	7.6	89.8	2.6	
	1909	46	53	12	1,005	117	870	18	11.6	89.6	1.8	5,410,127	830,659	4,445,674	133,804	15.4	82.2	2.5	
Printing and publish- ing.	1914	445	182	105	5,433	1,149	3,743	541	21.1	68.0	10.0	14,083,011	2,614,123	10,191,064	1,277,884	18.6	72.4	9.1	
	1909	442	137	105	5,451	1,345	3,426	680	21.7	62.8	12.5	12,332,700	2,679,391	8,140,083	1,504,226	21.7	66.1	12.2	
Silk goods, including throwsters.	1914	96	183	89	28,263	2,447	20,017	5,799	8.7	70.8	20.5	75,706,449	4,673,904	53,986,909	16,745,486	6.6	71.3	22.1	
	1909	86	103	99	30,285	3,695	17,710	8,880	12.2	58.5	29.3	65,429,550	8,395,443	38,648,685	18,385,422	12.8	59.1	28.1	
Slaughtering and meat packing.	1914	52	22	16	2,197	171	1,700	227	7.8	81.0	10.3	40,168,471	3,080,998	30,506,824	6,520,040	7.7	76.1	16.3	
	1909	41	23	20	1,817	183	1,382	252	10.1	76.1	13.9	37,583,395	5,236,637	25,846,412	6,500,349	13.9	68.8	17.3	
Tobacco manufactures..	1914	333	41	20	15,830	611	14,875	344	3.0	94.0	2.2	39,095,997	1,370,801	37,735,233	589,963	3.5	95.1	1.5	
	1909	407	19	36	9,466	1,549	7,699	227	16.4	81.2	2.4	24,177,343	3,103,360	20,524,148	549,835	12.8	84.0	2.3	
Woolen, worsted, and felt goods, and wool hats.	1914	4	23	5	14,464	.....	12,669	2,395	.....	83.4	16.6	36,268,561	.....	29,499,221	6,769,340	.....	81.3	18.7
	1909	6	20	7	12,652	50	10,418	2,184	0.4	82.3	17.3	33,938,637	144,354	27,574,224	6,229,059	0.4	81.2	18.3	
Total for cities.....		3,464	2,343	1,062	283,219	21,818	237,951	23,450	7.7	84.0	8.3	\$1,990,474,035	\$65,023,470	\$969,539,104	\$65,911,455	5.0	88.9	6.0	
ASBURY PARK.....	1914	30	8	6	312	101	102	100	32.4	32.7	34.9	765,762	431,111	233,731	100,920	56.3	30.5	13.2	
ATLANTIC CITY.....	1914	99	23	15	918	229	627	62	24.9	68.3	6.8	2,971,065	622,935	2,147,937	200,193	21.0	72.3	6.7	
BAYONNE.....	1914	50	53	18	10,150	174	9,792	184	1.7	96.5	1.8	98,234,245	584,574	97,391,299	258,372	0.6	99.1	0.3	
BLOOMFIELD.....	1914	27	24	6	3,177	.....	2,583	1,504	.....	81.3	18.7	8,357,620	.....	6,910,166	1,447,464	.....	82.7	17.3
BRIDGETON.....	1914	44	28	11	2,4														

Table 14—Contd.

INDUSTRY AND CITY.	CENSUS YEAR.	NUMBER OF ESTABLISHMENTS OWNED BY—			AVERAGE NUMBER OF WAGE EARNERS.									VALUE OF PRODUCTS.								
		Indi-viduals.	Cor-pora-tions.	All oth-ers.	Total.	In establishments owned by—			Per cent of total.			Total.	Of establishments owned by—			Per cent of total.						
						Indi-viduals.	Cor-pora-tions.	All oth-ers.	Indi-viduals.	Cor-pora-tions.	All oth-ers.		Indi-viduals.	Cor-pora-tions.	All others.	Indi-viduals.	Cor-pora-tions.	All others.				
JERSEY CITY.....	1914	405	254	111	31,021	2,003	26,621	1,707	8.7	85.8	5.5	\$164,528,608	\$8,050,681	\$149,107,178	\$7,370,749	4.9	90.6	4.5				
KEARNY.....	1914	31	16	4	5,004	100	4,986	8	2.0	97.9	0.1	15,419,840	306,634	15,004,606	18,600	2.0	97.9	0.1				
LOST BRANCH.....	1914	17	8	8	410	—	213	107	—	52.0	48.0	1,055,428	—	451,769	603,659	—	—	42.8	57.2			
MILVILLE.....	1914	28	11	11	3,198	62	3,066	70	1.9	95.0	2.2	4,644,412	194,329	4,341,752	109,331	4.2	93.5	2.3				
MONTCLAIR.....	1914	25	10	7	382	77	207	38	20.2	69.0	9.9	1,431,768	(?)	(?)	(?)	—	—	—				
MORRISTOWN.....	1914	14	11	0	218	66	90	62	30.3	41.3	28.4	684,266	249,162	201,510	143,585	36.4	42.6	21.0				
NEW BRUNSWICK.....	1914	67	43	13	6,448	241	5,901	216	3.7	92.9	3.3	14,814,013	496,899	14,004,301	310,728	3.4	94.5	2.1				
NEWARK.....	1914	1,102	801	372	68,084	7,016	48,011	7,157	11.1	77.5	13.3	210,601,017	17,740,192	171,237,604	21,623,251	8.4	81.3	10.3				
ORANGE.....	1914	46	18	8	2,126	200	1,705	152	9.8	83.0	7.1	4,558,321	884,761	3,243,273	430,287	19.4	71.2	9.4				
PASSAIC.....	1914	99	62	34	17,142	704	14,000	2,318	4.5	82.0	13.5	53,267,859	1,412,115	44,810,180	7,045,564	2.7	84.1	13.2				
PATERSON.....	1914	337	271	127	30,025	3,624	21,571	5,730	11.7	90.8	18.5	78,428,639	7,488,558	56,798,084	14,141,997	9.5	72.4	18.0				
PERTH AMBOY.....	1914	67	48	13	9,202	301	8,700	111	3.3	95.5	1.2	148,959,944	826,482	147,695,710	437,746	0.6	99.1	0.3				
PHILIPSBURG.....	1914	14	20	6	4,359	148	4,194	17	3.4	96.2	0.4	11,328,677	582,405	10,693,840	82,336	5.1	94.1	0.7				
PLAINFIELD.....	1914	37	29	12	1,822	319	1,443	370	17.4	62.4	20.2	5,008,880	713,025	3,714,958	580,897	14.2	74.2	11.6				
TRENTON.....	1914	208	132	54	10,828	1,163	17,036	729	5.0	90.5	3.7	54,821,066	3,132,335	50,387,062	1,301,009	5.7	91.9	2.4				
UNION.....	1914	47	14	14	1,479	182	1,099	198	12.3	74.3	13.4	4,465,261	495,865	3,622,661	346,345	11.1	81.1	7.8				
WEST HOBOKEN.....	1914	117	30	42	3,451	758	2,140	556	21.9	62.0	16.1	6,601,186	1,584,215	3,847,824	1,149,127	24.0	58.6	17.4				
WEST NEW YORK.....	1914	53	29	16	2,335	257	1,837	241	11.0	78.7	10.3	13,960,963	535,694	12,804,606	620,663	3.8	91.7	4.4				

¹ Includes the group "individuals," to avoid disclosure of individual operations.
² Figures can not be shown without disclosing individual operations.

Size of establishments.—The tendency for manufac-tures to become concentrated in large establishments is indicated by the statistics given in Table 15.

In 1914, 232 establishments, or 2.4 per cent of the total number in the state, reported products exceed-ing \$1,000,000 in value, as compared with 194, or 2.2 per cent of the total number, in 1909, and 121, or 1.7 per cent, in 1904. In 1914 these establishments em-ployed an average of 162,791 wage earners, or 43.6 per cent of the total for the state, and produced 60.6

per cent of the products as measured by value. In the same year the establishments having products less than \$20,000 in value, although representing 62.2 per cent of the total number of establishments, reported only 2.9 per cent of the total value of products. For the establishments having products valued at \$1,000,000 and over, the proportion of the total shows an increase at each successive census, from 49.7 per cent in 1904 to 56.7 per cent in 1909 and to 60.6 per cent in 1914.

Table 15

VALUE OF PRODUCT.	NUMBER OF ESTAB-LISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904
All classes.....	9,742	8,817	7,010	373,005	326,223	266,330	\$1,406,633,414	\$1,145,529,070	\$774,309,025	\$523,168,820	\$425,495,677	\$303,919,849
Less than \$5,000.....	2,775	2,288	1,900	3,500	3,094	2,767	7,168,727	5,815,878	4,861,044	4,705,929	3,771,287	3,150,687
\$5,000 to \$20,000.....	3,280	3,081	2,424	17,316	16,218	13,028	31,292,209	32,470,593	24,898,863	19,447,021	18,157,917	13,957,375
\$20,000 to \$100,000.....	2,153	2,053	1,610	44,300	43,646	30,147	96,112,033	90,682,537	72,862,614	49,259,473	46,875,049	38,602,710
\$100,000 to \$1,000,000.....	1,302	1,201	955	145,638	137,123	128,483	416,253,126	366,705,326	286,892,957	195,287,457	168,792,863	138,229,831
\$1,000,000 and over.....	232	194	121	162,791	126,142	82,011	852,807,319	640,848,742	384,853,547	251,468,937	187,898,561	109,970,246
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	28.5	25.9	27.1	1.0	0.9	1.0	0.5	0.5	0.6	0.9	0.9	1.0
\$5,000 to \$20,000.....	33.7	34.9	34.6	4.6	5.0	5.2	2.4	2.8	3.2	3.7	4.3	4.6
\$20,000 to \$100,000.....	22.1	23.3	23.0	11.9	13.4	11.7	6.8	7.9	9.4	11.0	12.7	12.7
\$100,000 to \$1,000,000.....	13.4	13.6	13.6	39.0	42.0	48.2	29.6	32.0	37.0	37.3	30.7	45.5
\$1,000,000 and over.....	2.4	2.2	1.7	43.6	38.7	30.8	60.6	56.7	49.7	48.6	44.2	36.2

Table 16 gives, for 1914 and 1909, for 25 important industries, a classification of establishments, wage earners, value of products, and value added by manu-facture, similar to that presented in Table 15, for all industries combined.

Of the 25 industries for which statistics are pre-sented, 10 show that more than 90 per cent of the prod-ucts in 1914 were reported by establishments having products exceeding \$100,000 in value, the highest pro-portion—99 per cent—appearing for woolen, worsted, and felt goods, and wool hats; the second highest—98.1 per cent—for electrical machinery, apparatus, and supplies; and the third highest—96.7 per cent—

for slaughtering and meat packing. Flour mills and gristmills reported the lowest proportion—16.2 per cent—of value of products from establishments with products of \$100,000 or over. On the other hand, only 3 industries show more than 20 per cent of their value of products as having been reported by establish-ments with products of less than \$20,000. The high-est percentage in this group—40.9 per cent—appears for bread and other bakery products. Seven indus-tries report 1 per cent or less of their products as hav-ing been manufactured by establishments in this group, the lowest percentage—one-tenth of 1 per cent—appear-ing for woolen, worsted, and felt goods, and wool hats.

Table 16 INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.	
			1914	1909			1914	1909			1914	1909			1914	1909
BOOTS AND SHOES, INCLUDING CUT STOCK AND FINDINGS.	58	53	100.0	100.0	4,080	4,232	100.0	100.0	\$11,204,323	\$8,011,623	100.0	100.0	\$3,853,903	\$3,311,498	100.0	100.0
Less than \$5,000.....	9	9	15.5	17.0	18	13	0.4	0.3	22,615	21,864	0.2	0.3	12,797	12,090	0.3	0.4
\$5,000 to \$20,000.....	9	7	15.5	13.2	61	87	1.5	2.1	105,275	84,194	0.9	1.0	53,213	45,116	1.4	1.4
\$20,000 to \$100,000.....	16	17	27.6	32.1	581	446	14.2	10.5	1,001,199	888,628	8.9	11.0	470,450	371,892	12.4	11.2
\$100,000 and over ¹	24	20	41.4	37.7	3,420	3,686	83.8	87.1	10,075,234	7,046,937	80.9	87.6	3,308,434	2,885,400	85.8	87.1
BREAD AND OTHER BAKERY PRODUCTS	1,278	1,217	100.0	100.0	5,712	4,936	100.0	100.0	22,310,018	20,085,629	100.0	100.0	6,352,016	7,890,424	100.0	100.0
Less than \$5,000.....	238	217	18.6	17.8	173	178	3.0	3.0	736,629	739,590	3.3	3.7	313,118	313,192	3.3	4.0
\$5,000 to \$20,000.....	785	771	61.4	63.4	2,195	1,090	38.4	40.3	8,387,360	8,212,281	37.6	40.9	3,458,057	3,261,185	37.0	41.4
\$20,000 to \$100,000.....	233	210	18.2	17.3	2,148	1,700	37.6	34.4	7,073,190	6,888,039	35.7	34.3	3,297,704	2,632,768	34.3	33.4
\$100,000 to \$1,000,000.....	22	19	1.7	1.6	1,196	1,068	20.9	21.6	5,212,839	4,245,710	23.4	21.1	2,372,537	1,680,279	25.4	21.3
CLOTHING, MEN'S, INCLUDING SHIRTS.	152	150	100.0	100.0	8,217	6,094	100.0	100.0	11,547,363	9,804,046	100.0	100.0	6,318,851	4,788,273	100.0	100.0
Less than \$5,000.....	29	30	19.1	20.0	156	138	1.9	2.0	94,069	83,421	0.8	0.8	84,342	77,826	1.3	1.6
\$5,000 to \$20,000.....	40	48	30.3	32.0	792	811	9.6	11.6	508,931	516,854	4.4	5.2	431,900	452,107	6.8	9.4
\$20,000 to \$100,000.....	55	51	36.2	34.0	2,861	3,201	34.8	45.8	2,106,497	2,900,784	18.2	29.4	1,638,558	1,802,480	20.2	37.6
\$100,000 and over ¹	22	21	14.5	14.0	4,408	2,814	53.6	40.7	8,837,866	6,363,687	76.5	64.5	4,144,042	2,455,761	65.6	51.3
CLOTHING, WOMEN'S	183	99	100.0	100.0	5,423	4,216	100.0	100.0	6,768,076	5,027,091	100.0	100.0	3,816,118	3,071,802	100.0	100.0
Less than \$5,000.....	30	18	19.7	18.2	192	124	3.5	2.9	100,524	87,780	1.6	1.0	84,553	44,564	2.2	1.5
\$5,000 to \$20,000.....	80	34	43.7	34.3	1,334	576	24.6	13.7	871,066	370,379	12.9	6.2	705,885	271,883	18.5	8.9
\$20,000 to \$100,000.....	51	33	27.0	33.3	1,096	1,331	31.3	31.6	2,019,087	1,721,882	20.8	29.1	1,203,281	832,596	31.6	27.1
\$100,000 to \$1,000,000.....	10	14	8.7	14.1	2,201	2,185	40.6	51.8	3,771,399	3,777,050	55.7	63.7	1,922,394	1,922,750	47.8	62.0
CONFECTIONERY	75	71	100.0	100.0	1,583	1,263	100.0	100.0	4,888,601	4,115,533	100.0	100.0	1,836,597	1,082,912	100.0	100.0
Less than \$5,000.....	26	12	34.7	16.0	27	18	1.7	1.4	61,628	38,118	1.3	0.9	34,832	21,255	1.9	1.3
\$5,000 to \$20,000.....	21	35	28.0	49.3	101	135	6.4	10.7	215,021	346,262	4.4	8.4	101,240	170,597	5.5	10.5
\$20,000 to \$100,000.....	15	11	20.0	15.5	237	181	15.0	14.3	688,037	434,633	14.1	10.6	280,318	189,184	15.8	10.9
\$100,000 to \$1,000,000.....	13	13	17.3	18.3	1,218	929	76.9	73.6	3,923,912	3,296,560	80.3	80.1	1,411,209	1,301,068	76.8	77.4
COPPER, TIN, AND SHEET-IRON PRODUCTS.	190	175	100.0	100.0	5,233	5,002	100.0	100.0	12,499,728	11,113,644	100.0	100.0	5,653,557	4,941,776	100.0	100.0
Less than \$5,000.....	58	28	29.6	16.0	84	41	1.6	0.8	164,129	80,903	1.3	0.8	105,718	58,181	1.9	1.2
\$5,000 to \$20,000.....	71	81	36.2	46.3	278	348	5.3	7.0	723,399	804,600	5.8	7.2	418,727	492,941	7.4	10.0
\$20,000 to \$100,000.....	47	42	24.0	24.0	929	691	17.8	13.8	2,187,116	1,644,758	17.1	14.8	1,120,457	882,106	19.8	17.8
\$100,000 and over ¹	20	24	10.2	13.7	3,942	3,922	75.3	78.4	9,475,144	8,577,323	75.8	77.2	4,008,655	3,608,648	70.9	71.0
COTTON GOODS, INCLUDING COTTON SMALL WARES.	30	20	100.0	100.0	7,394	6,633	100.0	100.0	16,782,164	13,728,874	100.0	100.0	6,666,630	5,164,141	100.0	100.0
Less than \$20,000 ²	9	8	30.0	30.8	32	54	0.4	0.8	60,413	84,880	0.4	0.6	24,564	43,354	0.4	0.8
\$20,000 to \$100,000.....	8	4	20.7	15.4	304	126	4.1	1.9	543,637	255,100	3.2	1.9	246,803	133,833	3.7	2.6
\$100,000 to \$1,000,000.....	8	11	20.7	42.3	1,417	461	19.2	37.1	3,260,178	5,360,487	19.4	39.3	1,360,095	2,170,896	20.5	42.0
\$1,000,000 and over.....	5	3	10.7	11.5	5,641	3,997	76.3	60.2	12,917,936	7,991,407	77.0	58.2	5,026,210	2,815,059	75.4	54.5
DYEING AND FINISHING TEXTILES.	98	97	100.0	100.0	11,683	10,129	100.0	100.0	27,080,512	15,795,788	100.0	100.0	14,280,512	9,443,092	100.0	100.0
Less than \$5,000.....	11	8	11.2	11.0	32	18	0.3	0.2	31,902	23,737	0.1	0.2	23,246	17,994	0.2	0.2
\$5,000 to \$20,000.....	20	13	20.4	19.4	152	132	1.3	1.3	238,540	173,127	0.9	1.1	161,547	125,715	1.1	1.3
\$20,000 to \$100,000.....	27	21	27.6	31.3	850	646	7.3	6.4	1,428,340	914,561	5.1	5.8	792,470	500,897	5.5	6.0
\$100,000 to \$1,000,000.....	34	20	34.7	29.0	4,670	3,838	40.0	37.9	9,810,503	6,184,234	36.1	39.2	5,472,175	3,787,977	38.3	40.1
\$1,000,000 and over ¹	0	5	0.1	7.5	5,973	5,495	51.1	54.2	16,477,227	8,590,129	58.9	53.8	7,831,065	4,941,609	51.8	52.3
ELECTRICAL MACHINERY, APPARATUS, AND SUPPLIES.	76	69	100.0	100.0	14,405	11,099	100.0	100.0	40,740,810	28,365,377	100.0	100.0	20,101,534	13,930,852	100.0	100.0
Less than \$5,000.....	10	6	13.2	8.7	12	28	0.1	0.3	28,543	18,061	0.1	0.1	17,569	6,977	0.1	(?)
\$5,000 to \$20,000.....	8	13	10.5	18.8	46	79	0.3	0.7	92,912	161,357	0.2	0.6	67,131	80,821	0.3	0.6
\$20,000 to \$100,000.....	18	23	23.7	33.3	280	480	2.0	4.3	634,625	1,166,688	1.6	4.1	329,743	666,455	1.6	4.8
\$100,000 to \$1,000,000.....	30	19	39.5	27.5	4,767	3,197	33.1	28.8	12,730,227	5,360,203	31.2	29.5	6,419,029	4,428,746	31.8	31.8
\$1,000,000 and over.....	10	8	13.2	11.0	9,291	7,315	64.5	65.0	27,253,743	18,040,168	66.9	65.7	13,358,062	8,756,853	66.2	62.8
FLOUR-MILL AND GRISTMILL PRODUCTS.	106	238	100.0	100.0	341	453	100.0	100.0	4,320,424	5,537,678	100.0	100.0	730,413	976,196	100.0	100.0
Less than \$5,000.....	30	32	19.0	13.4	23	15	6.7	3.3	120,083	97,690	2.8	1.8	31,656	21,131	4.3	2.2
\$5,000 to \$20,000.....	94	117	48.0	49.2	110	133	34.9	29.4	1,088,109	1,234,784	21.7	22.3	217,734	258,407	29.8	28.5
\$20,000 to \$100,000.....	58	81	29.6	34.0	164	240	48.1	53.0	2,433,812	3,149,690	56.3	56.9	390,875	544,214	53.5	55.7
\$100,000 to \$1,000,000.....	5	8	2.6	3.4	35	65	10.3	14.3	698,420	1,055,608	16.2	19.1	90,148	152,444	12.3	15.6
FOUNDRY AND MACHINE-SHOP PRODUCTS.	908	501	100.0	100.0	31,057	27,815	100.0	100.0	74,126,941	65,398,437	100.0	100.0	41,551,452	35,458,387	100.0	100.0
Less than \$5,000.....	304	100	33.5	16.0	388	148	1.2	0.5	847,725	268,563	1.1	0.4	616,119	184,208	1.6	0.5
\$5,000 to \$20,000.....	293	184	31.2	31.1	1,513	1,071	4.9	3.0	2,811,029	1,921,002	3.8	2.9	1,931,313	1,246,000	4.7	3.5
\$20,000 to \$100,000.....	185	170	20.4	20.8	4,025	3,861	13.0	13.9	8,403,994	7,532,400	11.3	11.5	5,031,093	4,548,858	12.1	12.8
\$100,000 to \$1,000,000.....	122	110	13.4	20.1	15,210	14,304	49.0	51.4	34,521,710	32,049,781	46.0	46.0	20,142,492	17,370,507	48.5	49.0
\$1,000,000 and over.....	14	12	1.5	2.0	9,921	8,431	31.9	30.3	27,541,674	23,626,731	37.2	36.1	13,797,435	12,110,805	33.2	34.2
HATS, FUR- FELT.	41	58	100.0	100.0	4,401	4,657	100.0	100.0	7,969,344	8,825,217	100.0	100.0	4,261,302	4,713,640	100.0	100.0
Less than \$5,000.....	3	3	7.3	6.2	4	4	0.1	0.1	8,957	12,150	0.1	0.1	5,595	7,672	0.1	0.2
\$5,000 to \$																

INDUSTRY AND VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.				AVERAGE NUMBER OF WAGE EARNERS.				VALUE OF PRODUCTS.				VALUE ADDED BY MANUFACTURE.			
	1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.		1914	1909	Per cent distribution.	
			1914	1909			1914	1909			1914	1909			1914	1909
JEWELRY.....	175	150	100.0	100.0	3,408	4,008	100.0	100.0	\$11,347,455	\$13,272,004	100.0	100.0	\$5,822,516	\$6,977,606	100.0	100.0
Less than \$5,000.....	26	12	14.9	8.0	45	18	1.3	0.4	61,370	33,273	0.5	0.2	44,158	20,032	0.8	0.4
\$5,000 to \$20,000.....	41	27	23.4	18.0	288	154	8.5	3.8	504,512	320,723	4.4	2.4	322,330	185,078	5.5	2.7
\$20,000 to \$100,000.....	76	75	43.4	50.0	1,151	1,382	33.8	34.5	3,550,646	3,561,201	31.3	26.8	1,867,094	1,949,511	32.1	27.9
\$100,000 to \$1,000,000.....	32	36	18.3	24.0	1,924	2,464	56.4	61.2	7,230,927	9,356,717	63.7	70.5	3,588,034	4,810,385	61.6	69.0
LEATHER GOODS.....	99	90	100.0	100.0	1,069	1,813	100.0	100.0	4,183,030	4,004,780	100.0	100.0	2,030,942	1,864,336	100.0	100.0
Less than \$5,000.....	40	23	40.4	23.2	38	26	2.3	1.4	110,241	55,420	2.6	1.4	65,854	35,147	3.2	1.9
\$5,000 to \$20,000.....	32	42	33.3	42.4	145	217	8.9	12.0	316,237	405,342	7.8	11.0	102,433	231,191	8.4	12.4
\$20,000 to \$100,000.....	16	20	15.2	26.3	305	504	18.0	27.8	674,362	1,021,266	15.8	25.5	319,770	520,068	15.3	28.4
\$100,000 to \$1,000,000.....	11	8	11.1	8.1	1,181	1,066	70.8	58.8	3,082,196	2,402,711	73.7	61.6	1,482,885	1,068,030	73.0	57.3
LEATHER, TANNED, CUR- RED, AND FINISHED.....	84	80	100.0	100.0	5,108	5,560	100.0	100.0	31,651,831	28,430,955	100.0	100.0	9,571,200	8,232,485	100.0	100.0
Less than \$20,000 ¹	12	8	14.3	9.3	41	24	0.8	0.4	50,228	64,547	0.2	0.2	23,630	28,700	0.2	0.3
\$20,000 to \$100,000.....	25	24	20.8	27.9	434	457	8.5	8.2	1,367,301	1,345,864	4.3	4.7	510,306	513,518	5.3	6.2
\$100,000 to \$1,000,000.....	30	48	46.4	55.8	2,503	3,302	40.0	61.0	10,035,340	13,210,831	50.7	64.1	4,407,801	4,968,454	46.1	60.3
\$1,000,000 and over.....	8	6	9.5	7.0	2,130	1,087	41.7	30.8	14,192,872	8,809,713	44.8	31.0	4,620,463	2,726,807	48.4	33.1
LUMBER AND TIMBER PROD- UCTS.....	382	416	100.0	100.0	4,892	4,857	100.0	100.0	12,482,553	13,511,162	100.0	100.0	5,033,285	5,501,207	100.0	100.0
Less than \$5,000.....	107	142	28.0	34.1	218	282	4.5	5.8	274,687	341,361	2.2	2.5	192,261	236,120	3.8	4.3
\$5,000 to \$20,000.....	165	149	43.2	35.8	998	1,043	20.4	21.5	1,040,644	1,602,468	13.1	11.9	1,040,076	1,035,028	20.6	18.8
\$20,000 to \$100,000.....	84	89	22.0	21.4	1,402	1,356	28.7	27.9	3,899,139	3,935,018	31.0	29.1	1,739,586	1,855,797	34.2	33.7
\$100,000 and over ²	26	36	6.8	8.7	2,274	2,176	46.5	44.8	6,698,083	7,631,415	53.7	56.5	2,105,362	2,374,262	41.4	43.2
MILLINERY AND LACE GOODS.....	270	179	100.0	100.0	5,573	4,120	100.0	100.0	10,485,723	6,895,339	100.0	100.0	6,571,892	3,710,354	100.0	100.0
Less than \$5,000.....	69	42	25.0	23.5	117	67	2.1	1.0	174,524	90,189	1.7	1.3	131,119	70,332	2.0	1.9
\$5,000 to \$20,000.....	111	74	40.2	41.3	830	654	14.9	15.9	1,182,127	837,292	11.3	12.1	807,729	571,539	12.3	15.4
\$20,000 to \$100,000.....	76	48	27.5	26.8	1,972	1,086	35.4	26.4	3,474,000	2,112,878	33.1	30.0	2,200,193	1,210,674	33.5	32.8
\$100,000 and over.....	20	15	7.2	8.4	2,664	2,313	47.6	58.1	5,055,072	3,854,980	48.0	55.9	3,432,848	1,851,800	52.2	49.9
PAINT AND VARNISH.....	60	63	100.0	100.0	1,737	1,493	100.0	100.0	16,080,717	12,766,929	100.0	100.0	6,145,405	4,540,956	100.0	100.0
Less than \$5,000.....	7	9	11.7	14.3	3	5	0.2	0.3	11,462	24,490	0.1	0.2	5,993	11,885	0.1	0.3
\$5,000 to \$20,000.....	6	8	10.0	12.7	10	13	0.6	0.9	68,101	86,497	0.4	0.7	28,395	43,191	0.5	0.9
\$20,000 to \$100,000.....	22	22	36.7	34.9	104	149	6.0	10.0	1,029,862	1,137,892	6.4	8.9	437,009	517,606	7.1	11.4
\$100,000 to \$1,000,000.....	19	21	31.7	33.3	739	737	42.5	49.4	5,979,848	7,846,252	37.2	61.5	2,257,211	2,016,562	36.7	57.6
\$1,000,000 and over.....	6	3	10.0	4.8	881	589	50.7	39.4	8,997,444	3,671,888	55.9	28.8	3,416,707	1,851,902	55.6	29.8
PATENT MEDICINES AND COMPOUNDS AND DRUG- GISTS' PREPARATIONS.....	129	111	100.0	100.0	1,271	1,005	100.0	100.0	7,672,961	5,410,127	100.0	100.0	4,525,682	3,320,651	100.0	100.0
Less than \$5,000.....	60	41	46.5	36.9	31	32	2.4	3.2	128,349	66,827	1.7	1.2	70,292	44,500	1.8	1.3
\$5,000 to \$20,000.....	25	34	19.4	30.6	67	88	5.3	8.8	250,455	306,162	3.3	5.7	138,390	165,576	3.1	5.0
\$20,000 to \$100,000.....	30	27	23.3	24.3	163	199	12.8	16.8	1,482,835	1,381,742	10.3	25.5	811,917	748,575	17.9	22.5
\$100,000 to \$1,000,000.....	14	9	10.9	8.1	1,010	716	79.5	71.2	5,811,325	3,656,400	75.7	67.6	3,496,083	2,362,000	77.2	71.1
PRINTING AND PUBLISHING.....	732	684	100.0	100.0	5,433	5,451	100.0	100.0	14,083,011	12,332,700	100.0	100.0	9,831,042	8,860,549	100.0	100.0
Less than \$5,000.....	366	342	50.0	50.0	409	410	7.5	7.5	956,521	830,671	6.8	6.7	736,225	633,735	7.5	7.2
\$5,000 to \$20,000.....	267	200	36.5	38.0	1,221	1,295	22.5	23.8	2,543,998	2,528,288	18.1	20.5	1,593,597	1,900,158	16.3	21.4
\$20,000 to \$100,000.....	76	62	10.4	9.1	1,423	1,264	26.2	23.2	3,344,660	2,610,239	23.7	21.2	2,311,408	1,820,084	23.5	20.5
\$100,000 and over.....	23	20	3.1	2.9	2,380	2,482	43.8	45.5	7,237,832	6,363,502	51.4	51.6	4,890,412	4,506,672	49.7	50.9
SILK GOODS, INCLUDING THROWSTERS.....	368	348	100.0	100.0	28,263	30,285	100.0	100.0	75,706,449	65,429,550	100.0	100.0	34,823,584	32,164,373	100.0	100.0
Less than \$5,000.....	26	20	7.1	5.7	92	62	0.3	0.2	73,408	45,184	0.1	0.1	58,511	37,223	0.2	0.1
\$5,000 to \$20,000.....	64	74	17.4	21.3	930	1,035	3.3	3.4	811,383	838,834	1.1	1.3	528,166	582,900	1.5	1.8
\$20,000 to \$100,000.....	129	111	35.1	31.9	3,746	3,925	13.3	13.0	6,515,000	5,511,023	8.6	8.4	2,959,181	2,998,470	8.5	9.3
\$100,000 to \$1,000,000.....	135	131	36.7	37.6	15,980	17,585	56.5	58.1	43,918,685	39,541,130	58.0	60.4	20,211,031	19,672,218	58.0	61.2
\$1,000,000 and over.....	14	12	3.8	3.4	7,515	7,678	26.0	25.4	24,387,913	19,498,379	32.2	29.8	11,066,565	8,873,562	31.8	27.6
SLAUGHTERING AND MEAT PACKING.....	90	84	100.0	100.0	2,197	1,817	100.0	100.0	40,108,471	37,583,395	100.0	100.0	3,788,634	3,843,811	100.0	100.0
Less than \$20,000 ¹	29	13	32.2	15.5	64	43	2.9	2.4	255,831	153,543	0.6	0.4	85,002	47,749	2.2	1.2
\$20,000 to \$100,000.....	26	30	28.9	35.7	143	111	6.5	6.1	1,069,017	1,321,264	2.7	3.5	257,773	268,117	6.8	7.0
\$100,000 to \$1,000,000.....	26	30	28.9	35.7	463	423	21.1	23.3	10,131,482	9,703,445	25.3	25.8	1,265,978	1,024,243	33.4	26.0
\$1,000,000 and over.....	9	11	10.0	13.1	1,527	1,240	69.5	68.2	25,652,141	26,405,143	71.4	70.3	2,170,882	2,503,702	57.5	65.1
TOBACCO MANUFACTURES.....	364	462	100.0	100.0	15,830	9,466	100.0	100.0	39,695,997	24,177,343	100.0	100.0	22,292,414	13,381,000	100.0	100.0
Less than \$5,000.....	290	360	73.6	77.9	162	262	1.0	2.8	593,598	687,850	1.3	2.8	314,935	400,692	1.4	3.4
\$5,000 to \$20,000.....	57	60	14.5	13.0	316	274	2.0	2.9	535,019	538,786	1.3	2.2	344,171	345,485	1.5	2.6
\$20,000 to \$100,000.....	20	27	5.1	5.8	438	540	2.8	5.7	872,567	1,065,647	2.2	4.4	514,640	632,603	2.3	4.7
\$100,000 to \$1,000,000.....	18	8	4.6	1.7	3,847	1,521	24.3	16.1	5,614,344	2,157,627	14.1	8.9	3,017,093	1,244,882	13.5	9.3
\$1,000,000 and over.....	9	7	2.3	1.5	11,067	6,869	69.9	72.6	32,170,559	19,727,127	81.0	81.6	18,101,569	10,697,407	81.2	79.9
WOOLLEN, WORSTED, AND FELT GOODS, AND WOOL HATS.....	32	33	100.0	100.0	14,464	12,652	100.0	100.0	36,268,561	33,938,637	100.0	100.0	13,210,029	12,905,758	100.0	100.0
Less than \$20,000 ¹	4	4	12.5	12.1	9	16	0.1	0.1	26,335	44,709	0.1	0.1	11,632	19,652	0.1	0.

Table 17 presents, for 1914, for all industries combined in each of the 33 cities having more than 10,000 inhabitants, for which figures can be shown, statistics similar to those given in Table 15 for the state as a whole.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
ASBURY PARK....	44	312	100.0	\$705,762	100.0	\$433,643	100.0
Less than \$5,000.....	11	10	3.2	28,978	3.8	20,370	4.7
\$5,000 to \$20,000.....	24	88	28.2	243,174	34.5	138,375	31.9
\$20,000 to \$1,000,000 ¹	9	214	68.6	493,610	64.5	274,898	63.4
ATLANTIC CITY....	107	918	100.0	2,971,065	100.0	1,568,905	100.0
Less than \$5,000.....	37	88	4.1	89,375	3.0	54,741	3.5
\$5,000 to \$20,000.....	43	181	19.7	457,909	15.4	286,219	17.1
\$20,000 to \$100,000.....	20	368	40.1	821,607	27.7	429,977	27.6
\$100,000 to \$1,000,000.....	7	331	36.1	1,602,174	53.0	808,058	51.8
BAYONNE.....	121	10,150	100.0	98,234,245	100.0	20,525,571	100.0
Less than \$5,000.....	29	19	0.2	51,462	0.1	33,080	0.2
\$5,000 to \$20,000.....	40	174	1.7	877,716	0.4	221,244	1.1
\$20,000 to \$100,000.....	24	493	4.3	906,532	0.9	377,773	1.8
\$100,000 to \$1,000,000.....	21	1,576	15.5	6,602,344	6.7	2,921,489	14.2
\$1,000,000 and over.....	14	7,948	78.3	80,238,201	81.9	16,971,985	82.7
BLOOMFIELD.....	57	3,177	100.0	8,357,620	100.0	4,998,083	100.0
Less than \$5,000.....	17	17	0.5	41,277	0.5	21,486	0.4
\$5,000 to \$20,000.....	15	42	1.3	172,068	2.1	60,506	1.2
\$20,000 to \$100,000.....	11	212	7.6	696,184	7.6	363,207	7.3
\$100,000 and over ²	14	2,870	90.5	7,508,101	89.8	4,552,824	91.1
BRIDGEFORD.....	83	2,479	100.0	4,935,711	100.0	2,482,792	100.0
Less than \$5,000.....	20	36	1.5	53,847	1.1	35,718	1.4
\$5,000 to \$20,000.....	33	239	9.6	353,369	7.2	179,174	7.2
\$20,000 to \$100,000.....	18	583	23.5	886,443	17.6	484,370	19.5
\$100,000 to \$1,000,000.....	12	1,621	65.4	3,632,052	74.2	1,783,530	71.8
CAMDEN.....	345	22,541	100.0	71,823,905	100.0	35,730,132	100.0
Less than \$5,000.....	88	92	0.4	204,279	0.3	123,301	0.3
\$5,000 to \$20,000.....	112	532	2.3	1,142,707	1.6	647,145	1.8
\$20,000 to \$100,000.....	82	1,691	7.1	3,843,400	5.4	1,940,344	5.4
\$100,000 to \$1,000,000.....	40	5,192	23.0	15,907,501	22.1	6,499,255	18.2
\$1,000,000 and over.....	14	15,084	66.9	50,726,968	70.6	20,520,087	74.2
EAST ORANGE.....	51	1,949	100.0	5,406,985	100.0	3,017,891	100.0
Less than \$5,000.....	18	12	0.6	38,349	0.7	25,920	0.9
\$5,000 to \$20,000.....	15	99	5.1	140,130	2.7	90,504	3.0
\$20,000 to \$100,000.....	10	175	9.0	360,276	6.7	192,458	6.4
\$100,000 and over ²	8	1,663	85.3	4,862,230	89.9	2,708,949	89.8
ELIZABETH.....	184	12,870	100.0	31,228,181	100.0	14,921,047	100.0
Less than \$5,000.....	54	51	0.4	137,251	0.4	84,598	0.6
\$5,000 to \$20,000.....	49	102	1.3	485,222	1.6	234,720	1.6
\$20,000 to \$100,000.....	44	1,024	8.0	1,979,501	6.3	1,105,565	7.4
\$100,000 to \$1,000,000.....	32	3,246	25.2	11,994,357	38.4	6,012,015	40.3
\$1,000,000 and over.....	5	8,387	65.2	10,631,850	33.8	7,483,249	50.2
ENGLEWOOD.....	19	91	100.0	321,161	100.0	209,689	100.0
Less than \$5,000.....	11	14	15.4	38,900	12.1	25,680	12.2
\$5,000 to \$20,000.....	4	20	28.6	42,442	13.2	28,179	13.4
\$20,000 to \$1,000,000 ¹	4	51	56.0	239,819	74.7	155,830	74.3
GARFIELD.....	39	5,869	100.0	10,113,402	100.0	4,748,855	100.0
Less than \$5,000.....	10	12	0.2	26,020	0.2	17,784	0.4
\$5,000 to \$20,000.....	16	121	2.1	253,648	1.6	134,005	2.8
\$20,000 to \$100,000.....	4	110	1.9	205,947	1.3	88,946	1.9
\$100,000 to \$1,000,000.....	4	875	14.9	1,916,546	11.9	767,668	16.2
\$1,000,000 and over.....	5	4,761	81.0	13,711,725	85.1	3,740,452	78.8
GLOUCESTER.....	23	1,945	100.0	4,710,951	100.0	1,497,596	100.0
Less than \$5,000.....	8	2	0.1	12,180	0.3	6,911	0.5
\$5,000 to \$20,000.....	5	16	0.8	51,490	1.1	26,458	1.8
\$20,000 to \$100,000.....	5	44	2.3	239,397	5.1	66,272	4.4
\$100,000 and over ²	5	1,883	96.8	4,407,884	93.6	1,397,925	93.3
HACKENSACK.....	43	766	100.0	2,252,503	100.0	1,200,257	100.0
Less than \$5,000.....	13	14	1.8	23,371	1.3	20,634	1.7
\$5,000 to \$20,000.....	19	70	10.3	197,262	8.8	110,363	9.7
\$20,000 to \$100,000.....	8	131	17.1	347,983	15.4	218,006	18.2
\$100,000 to \$1,000,000.....	3	542	70.8	1,678,887	74.5	845,164	70.4
\$1,000,000 and over.....	3	7,404	100.0	17,980,500	100.0	10,602,919	100.0
HARRISON.....	52	7,404	100.0	17,980,500	100.0	10,602,919	100.0
Less than \$5,000.....	7	9	0.1	23,183	0.1	16,897	0.2
\$5,000 to \$20,000.....	14	55	0.7	135,992	0.8	84,498	0.8
\$20,000 to \$100,000.....	14	312	4.2	750,201	4.2	458,759	4.3
\$100,000 to \$1,000,000.....	12	1,429	19.3	3,767,137	20.9	1,845,772	17.4
\$1,000,000 and over.....	5	5,209	75.6	13,298,987	74.0	8,190,993	77.3

¹ Includes the group "\$100,000 to \$1,000,000."

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
HOBOKEN.....	258	9,290	100.0	\$23,461,298	100.0	\$12,754,048	100.0
Less than \$5,000.....	54	86	0.9	145,025	0.6	98,508	0.8
\$5,000 to \$20,000.....	81	473	5.1	819,414	3.5	475,037	3.7
\$20,000 to \$100,000.....	68	1,359	14.6	3,099,731	13.2	1,519,976	11.9
\$100,000 to \$1,000,000.....	52	5,082	54.7	13,080,870	58.3	6,703,654	52.6
\$1,000,000 and over.....	3	2,290	24.7	5,715,652	24.4	3,952,873	31.0
IRVINGTON.....	74	921	100.0	7,349,713	100.0	1,426,228	100.0
Less than \$5,000.....	24	27	2.9	50,158	0.8	33,098	2.3
\$5,000 to \$20,000.....	28	132	14.3	288,370	3.9	140,732	10.3
\$20,000 to \$100,000.....	15	323	35.1	626,064	8.5	353,360	24.8
\$100,000 and over ²	7	430	47.7	6,378,512	86.8	893,039	62.0
JERSEY CITY.....	770	31,021	100.0	104,528,608	100.0	52,746,549	100.0
Less than \$5,000.....	176	201	0.8	500,640	0.3	354,730	0.7
\$5,000 to \$20,000.....	252	1,289	4.2	2,672,051	1.6	1,570,328	3.0
\$20,000 to \$100,000.....	108	3,309	10.9	8,537,784	5.0	4,332,747	8.2
\$100,000 to \$1,000,000.....	120	12,885	41.5	44,488,855	27.0	18,706,744	35.0
\$1,000,000 and over.....	24	13,217	42.6	108,328,678	65.8	27,686,000	52.5
KEARNY.....	51	5,094	100.0	15,419,840	100.0	6,605,220	100.0
Less than \$5,000.....	20	22	0.4	63,257	0.4	38,854	0.6
\$5,000 to \$20,000.....	15	64	1.3	169,431	1.1	82,581	1.2
\$20,000 to \$100,000.....	8	192	3.8	401,250	2.6	225,076	3.4
\$100,000 to \$1,000,000.....	4	645	12.7	1,871,330	12.1	507,800	8.5
\$1,000,000 and over.....	4	4,171	81.9	12,014,672	83.8	5,750,810	86.3
LONG BRANCH.....	33	410	100.0	1,055,428	100.0	600,062	100.0
Less than \$5,000.....	0	6	1.5	30,472	2.9	19,776	3.3
\$5,000 to \$20,000.....	12	35	8.5	154,416	14.6	99,991	16.5
\$20,000 to \$1,000,000 ¹	12	369	90.0	870,040	82.5	486,385	80.3
MILLVILLE.....	50	3,108	100.0	4,044,412	100.0	2,788,789	100.0
Less than \$5,000.....	22	30	0.9	54,286	1.2	33,043	1.2
\$5,000 to \$20,000.....	10	130	4.3	145,401	3.1	85,209	3.1
\$20,000 to \$100,000.....	0	78	2.4	174,720	3.8	75,227	2.7
\$100,000 and over ²	6	2,064	62.4	4,209,909	91.9	2,594,710	93.0
MONTCLAIR.....	42	332	100.0	1,431,768	100.0	439,211	100.0
Less than \$5,000.....	17	11	2.9	38,444	2.7	24,298	5.5
\$5,000 to \$20,000.....	10	83	21.7	170,007	12.5	101,811	23.2
\$20,000 to \$1,000,000 ¹	9	288	75.4	1,214,227	84.8	313,072	71.3
MORRISTOWN.....	81	218	100.0	684,260	100.0	317,244	100.0
Less than \$5,000.....	6	13	6.0	16,569	2.4	11,655	3.7
\$5,000 to \$20,000.....	15	92	42.2	196,068	28.7	121,467	38.3
\$20,000 to \$1,000,000 ¹	10	113	51.8	471,689	68.9	184,092	58.0
NEW BRUNSWICK.....	113	6,448	100.0	14,814,018	100.0	8,246,714	100.0
Less than \$5,000.....	34	48	0.7	110,072	0.7	64,792	0.8
\$5,000 to \$20,000.....	33						

Table 17—Contd.

CITY AND VALUE OF PRODUCT.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.		VALUE ADDED BY MANUFACTURE.	
		Average number.	Per cent of total.	Amount.	Per cent of total.	Amount.	Per cent of total.
PHILLIPSBURG.....	40	4,359	100.0	\$11,328,677	100.0	\$5,752,281	100.0
Less than \$5,000.....	11	30	0.7	20,188	0.3	16,032	0.3
\$5,000 to \$20,000.....	9	22	0.5	84,523	0.7	44,094	0.8
\$20,000 to \$100,000.....	8	169	3.9	415,236	3.7	183,677	3.2
\$100,000 and over.....	12	4,138	94.9	10,790,730	95.3	5,508,478	95.8
PLAINFIELD.....	78	1,832	100.0	5,008,880	100.0	2,248,069	100.0
Less than \$5,000.....	22	24	1.3	52,714	1.1	37,162	1.7
\$5,000 to \$20,000.....	28	122	6.7	271,259	5.4	149,140	6.6
\$20,000 to \$100,000.....	19	248	13.5	879,201	17.6	433,316	19.3
\$100,000 and over.....	9	1,438	78.5	3,805,616	76.0	1,628,442	72.4
TRENTON.....	304	10,828	100.0	54,821,066	100.0	24,878,641	100.0
Less than \$5,000.....	113	169	0.9	343,962	0.6	232,301	0.9
\$5,000 to \$20,000.....	120	590	3.0	1,228,078	2.2	672,141	2.7
\$20,000 to \$100,000.....	86	1,729	8.7	3,615,218	6.4	1,801,530	7.2
\$100,000 to \$1,000,000.....	65	7,548	38.1	16,499,126	30.1	8,948,022	36.0
\$1,000,000 and over.....	10	6,792	40.4	33,235,622	60.6	13,224,557	53.2
UNION.....	75	1,479	100.0	4,465,201	100.0	2,375,388	100.0
Less than \$5,000.....	22	49	3.3	56,748	1.3	37,018	1.6
\$5,000 to \$20,000.....	27	129	8.7	282,610	6.3	147,183	6.2
\$20,000 to \$100,000.....	10	304	20.6	751,808	16.8	420,580	18.1
\$100,000 and over.....	7	997	67.4	3,374,020	75.6	1,761,598	74.2
WEST HOBOKEN.....	180	3,454	100.0	6,601,166	100.0	3,770,840	100.0
Less than \$5,000.....	55	72	2.1	138,636	2.1	81,404	2.2
\$5,000 to \$20,000.....	80	541	15.7	904,140	13.7	554,156	14.7
\$20,000 to \$100,000.....	48	992	28.7	1,880,130	28.5	1,092,720	29.0
\$100,000 and over.....	6	1,849	53.5	3,678,248	55.7	2,042,554	54.2
WEST NEW YORK.....	98	2,335	100.0	13,960,963	100.0	8,910,280	100.0
Less than \$5,000.....	17	27	1.2	43,102	0.3	29,304	0.7
\$5,000 to \$20,000.....	40	227	9.7	431,902	3.1	250,666	6.4
\$20,000 to \$100,000.....	20	523	22.4	1,139,910	8.2	664,172	17.0
\$100,000 and over.....	15	1,558	66.7	12,346,049	88.4	2,972,138	75.9

1 Includes the group "\$1,000,000 and over."

In the cities the same general condition prevails as that found throughout the state, namely, a prepon-

derance of wage earners, value of products, and value added by manufacture for establishments having products valued at \$100,000 and over. The three highest percentages of the total value of products reported by establishments in this class—98.9, 98.6, and 97—are shown for Perth Amboy, Bayonne, and Garfield, respectively. The highest proportion of value of products for establishments having products less than \$20,000—35.6 per cent—is shown for Asbury Park, and the lowest—four-tenths of 1 per cent—for Perth Amboy.

Table 18 shows the size of establishments in 1914 as measured by the number of wage earners employed, for all industries combined, for 31 of the important industries or industry groups, and for each of the 33 cities having more than 10,000 inhabitants, for which data can be given. Table 19 presents, for 1914, percentages based on the figures in Table 18, and for 1909, similar percentages for all industries combined and for individual industries.

Of the total number of establishments for all industries combined, 927, or 9.5 per cent, employed no wage earners in 1914. These were small establishments in which the work was done by the proprietors or firm members. In some cases a few wage earners were employed for short periods, but the number was so small and the period so short, that in computing the average number, as described in the "Explanation of terms," no wage earners could be shown. Printing and publishing, tobacco manufactures, and bakeries are the industries in which the largest numbers of these small establishments were reported.

Table 18

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																	
			No wage earners.		1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.		51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.		501 to 1,000 wage earners.		Over 1,000 wage earners.	
			Establishments.	Wage earners (average number).	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
All Industries.....	9,742	373,605	927	4,484	10,941	2,075	22,735	998	32,980	523	37,694	432	67,645	178	63,140	80	55,926	45	82,585	
Boots and shoes, including cut stock and findings.....	58	4,080	3	11	30	11	152	10	363	12	923	8	1,505	3	1,107					
Bread and other bakery products.....	1,278	5,712	104	933	2,287	208	1,899	25	763	6	500	2	263							
Brick, tile, pottery, and other clay products.....	140	13,011	2	13	36	27	349	34	1,171	26	1,862	24	3,976	12	3,868	2	1,719			
Canning and preserving.....	96	3,154	2	37	94	30	354	17	550	4	247	4	554	1	281			1	1,074	
Cars and general shop construction and repairs by steam-railroad companies.....	30	0,835		3	6	2	25	6	207	8	650	3	399	5	1,888	1	822	2	2,838	
Chemicals.....	64	6,276		11	30	18	181	11	384	12	847	7	1,095	2	514	1	757	2	2,468	
Clothing, men's, including shirts.....	152	8,217	6	18	60	50	561	47	1,644	17	1,211	10	1,507	2	565			2	2,660	
Clothing, women's.....	183	5,423	4	31	88	80	980	48	1,605	12	844	4	616	4	1,284					
Copper, tin, and sheet-iron products.....	196	5,233	7	116	209	40	434	13	447	9	641	3	355	7	2,379	1	678			
Cordage and twine and jute and linen goods.....	14	3,151		3	4					3	275	5	915	1	484	2	1,473			
Cotton goods, including cotton small wares.....	30	7,304	1	6	16	2	16	8	304			8	1,280	1	307	2	1,836	2	3,635	
Dyeing and finishing textiles.....	98	11,033		22	81	19	238	24	852	8	507	14	2,074	5	1,813	3	1,892	3	4,236	
Electrical machinery, apparatus, and supplies.....	76	14,405	2	15	36	13	140	11	343	9	688	11	1,789	7	2,780	5	3,405	3	5,224	
Foundry and machine-shop products.....	608	31,057	58	452	1,083	189	2,111	86	2,910	50	3,442	48	7,893	16	5,589	6	4,204	3	3,825	
Furnishing goods, men's.....	28	4,144		2	3			4	80			5	737	2	593	1	741	1	1,378	
Glass.....	19	5,784			1	10				4	316	8	1,393	3	1,180	2	1,235	1	1,650	
Hats, fur-felt.....	41	4,401	1	8	27	7	63	1	39	7	493	12	1,905	4	1,291	1	580			
Hosiery and knit goods.....	62	4,025		16	44	13	199	16	503	5	354	4	569	1	345	1	860	1	1,161	
Iron and steel, steel works and rolling mills.....	15	4,639			1	18	2	78	2	155	5	892	2	630	2	1,289	1	1,577		
Jewelry.....	175	3,408	7	40	122	83	924	30	932	11	779	4	651							

Table 18—Continued.

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—																
			No wage earners.		1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.		51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.		501 to 1,000 wage earners.		Over 1,000 wage earners.
	Establishments.	Wage earners (average number).	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.	Establishments.	Wage earners.
Leather, tanned, curried, and finished	84	5,108	1	13	31	23	202	18	632	14	1,011	12	1,025	2	658	1	550		
Lumber and timber products.....	332	4,802	13	192	530	120	1,312	39	1,208	7	459	3	480	1	379	1	521		
Millinery and lace goods.....	276	5,673	4	100	260	114	1,220	35	1,086	10	1,352	2	322			2	1,327		
Paper and wood pulp.....	33	2,027				6	70	11	420	6	372	8	1,127	1	361				
Printing and publishing.....	732	5,433	175	385	1,013	120	1,251	20	780	12	780	6	953	2	633				
Rubber goods, not elsewhere specified	53	5,316		5	22	11	143	13	447	9	677	7	1,114	5	1,863	3	2,050		
Shipbuilding, including boat building	35	6,324	13	41	84	14	135	5	187	5	335	5	736			1	965	1	3,882
Silk goods, including throwsters.....	308	28,263	1	84	97	97	1,212	103	3,494	55	4,426	54	7,804	10	5,407	7	4,556	1	1,207
Smelting and refining, copper.....	4	3,344														3	2,113	1	1,201
Tobacco manufactures.....	394	15,830	171	165	281	29	288	14	388	2	153	10	1,760	3	1,164	4	2,810	6	8,977
Woolen, worsted, and felt goods, and wool hats.....	32	14,464	1	5	15	2	19	4	130	1	92	4	636	0	3,015	2	1,429	4	8,522
All other industries.....	3,636	123,090	361	1,817	4,262	721	8,038	337	10,982	182	12,708	132	20,346	61	22,135	25	17,527	10	27,011
Total for cities 1.....	6,860	283,210	500	3,027	7,603	1,556	17,333	761	25,104	404	29,201	300	46,512	128	45,262	55	38,847	30	73,357
ASBURY PARK.....	44	312	3	20	62	7	73	4	60	1	81								
ATLANTIC CITY.....	107	918	15	59	103	22	231	8	241	2	152	1	131						
BAYONNE.....	121	10,150	9	50	138	23	260	9	314	11	755	8	1,095	5	1,720	4	2,594	2	3,284
BRIDGEFIELD.....	57	3,177	4	27	45	6	48	8	248	5	284	4	729	2	717			1	1,120
BRIDGETON.....	83	2,470	1	42	113	15	183	12	417	0	661	3	414			1	680		
CAMDEN.....	345	22,541	44	111	387	72	830	30	1,315	16	1,130	14	1,905	12	4,258	4	2,810	3	0,898
EAST ORANGE.....	51	1,049	5	26	55	8	86	0	150	2	159	1	179	2	734	1	580		
ELIZABETH.....	184	12,870	19	89	214	32	378	16	551	13	931	9	1,488	4	1,314			2	7,094
ENGLEWOOD.....	19	91	3	12	28	3	40	1	23										
GARFIELD.....	30	6,860	2	10	40	5	73	4	131	2	163	1	123	1	433	2	1,154	3	3,752
GLOUCESTER.....	23	1,045	6	8	10	4	43			1	80	3	422					1	1,381
HACKENSACK.....	43	706	3	28	71	7	91	3	85			1	186	1	333				
HARRISON.....	52	7,404	2	63	7	7	82	8	298	2	158	6	813	2	813	1	774	3	1,394
HOBOKEN.....	258	0,200	23	99	268	59	686	41	1,372	16	1,192	14	2,382	4	1,340	1	966	1	1,084
IRVINGTON.....	74	921	7	40	96	15	171	0	199	6	455								
JERSEY CITY.....	770	31,021	45	337	869	109	2,236	92	2,875	35	2,422	34	5,347	19	7,314	6	4,858	3	5,100
KEARNY.....	51	5,094	4	28	60	8	77	2	50	4	248			2	757	1	886	2	3,010
LONG BRANCH.....	33	410	4	18	39	7	73	1	27	2	134	1	123						
MILLVILLE.....	50	3,108	4	30	90	8	71	3	165	1	58	2	291			1	963	1	1,650
MONTCLAIR.....	42	382	0	10	40	10	91	3	82										
MORRISTOWN.....	31	218		17	40	13	133	1	36										
NEW BRUNSWICK.....	113	6,448	12	48	113	22	242	0	289	12	934	5	855	3	1,150			2	2,868
NEWARK.....	2,275	63,084	250	957	2,422	572	6,358	238	7,091	130	9,179	84	12,890	30	10,283	10	6,864	4	7,088
ORANGE.....	72	2,120	10	37	97	13	130	4	167	3	203	3	581	1	425	1	580		
PASSAIC.....	105	17,142	13	94	228	38	414	15	499	11	893	10	1,501	4	1,213	7	5,004	3	7,390
PATERSON.....	735	30,025	35	266	665	107	1,052	129	4,359	66	5,017	50	7,028	13	4,575	7	4,378	2	2,351
PERTH AMBOY.....	128	9,202	7	69	177	13	123	11	331	8	590	0	1,301	2	2,040	3	1,965	2	2,576
PHILLIPSBURG.....	40	4,359	7	11	23	8	98	4	150	4	291	2	329	2	737			2	2,726
PLAINFIELD.....	78	1,832	7	45	106	14	176	5	170	2	167	3	615	2	680				
TRENTON.....	304	19,828	22	200	474	67	987	44	1,449	21	1,512	21	3,841	11	3,841	3	2,282	2	5,695
UNION.....	75	1,479	3	43	115	17	205	5	162	4	277	2	331	1	389				
WEST HOBOKEN.....	180	3,454	16	86	210	58	636	21	613	5	371	4	130			2	1,494		
WEST NEW YORK.....	93	2,335	5	32	80	37	346	0	291	10	710	4	621	1	278				

1 Excludes West Orange, to avoid disclosure of individual operations.

Table 19

INDUSTRY AND CITY.	Cen- sus year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.								INDUSTRY AND CITY.	Cen- sus year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.								
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000			1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000	
All industries.....	1914 1909	2.0 3.1	6.1 6.9	8.8 8.4	10.1 11.3	18.1 18.5	16.9 18.2	15.0 16.1	22.1 17.4	Copper, tin, and sheet-iron products.	1914 1909	5.7 5.1	8.3 6.6	8.5 7.7	12.2 12.6	6.8 10.3	45.5 27.6	13.0 18.1		
Boots and shoes, including cut stock and findings.	1914 1909	0.7 0.3	3.7 3.4	8.0 7.0	22.6 14.0	36.9 28.7	27.1 33.9		13.0	Cordage and twine and jute and linen goods.	1914 1909	0.1 (1)		0.4 1.3	8.7 4.7	29.0 7.5	15.4 35.2	46.7 16.9		34.0
Bread and other bakery products.	1914 1909	40.0 46.2	33.2 28.4	13.4 13.0	8.8 4.6	4.6 7.9				Cotton goods, including cotton small wares.	1914 1909	0.2 0.2	0.2 1.2	4.1 3.8		17.3 10.4	4.2 22.0	24.8 22.6	49.2 37.6	
Brick, tile, pottery, and other clay products.	1914 1909	0.3 0.5	2.7 3.7	9.0 9.9	14.3 10.9	36.4 36.4	30.0 21.3	13.2 17.2		Dyeing and finishing textiles...	1914 1909	0.7 0.3	2.0 1.7	7.3 3.6	4.3 6.8	17.8 10.8	15.5 6.1	10.1 30.0	36.3 40.6	
Canning and preserving.....	1914 1909	3.0 5.6	11.2 17.3	17.4 20.9	7.8 15.8	17.6 31.4	8.9	34.1		Electrical machinery, apparatus, and supplies.	1914 1909	0.2 0.3	1.0 2.6	2.4 4.3	4.8 2.0	12.4 10.9	19.3 19.5	23.6 11.7	36.3 48.6	
Cars and general shop construction and repairs by steam-railroad companies.	1914 1909	0.1	0.4 0.1	3.0 1.2	9.5 9.2	5.8 3.5	27.6 20.6	12.0 46.5	41.5 18.8	Foundry and machine-shop products.	1914 1909	3.5 2.0	6.8 6.0	8.0 8.6	11.1 14.1	25.4 27.0	14.0 14.2	13.5 21.3	12.3 5.8	
Chemicals.....	1914 1909	0.5 0.8	2.9 2.7	6.1 8.8	13.5 12.3	17.4 6.6	8.2 19.4	12.1 25.7	39.3 23.3	Furnishing goods, men's.....	1914 1909	0.1 0.4	1.9 2.0	2.8 4.8	12.0 11.7	17.8 15.9	14.3 15.9	17.9 (65.2)	33.3	
Clothing, men's, including shirts.	1914 1909	0.7 1.0	6.8 7.9	20.0 18.1	14.7 19.2	18.3 29.4	6.9 11.9	32.5 12.6		Glass.....	1914 1909		0.2 0.2		5.5 6.9	24.1 15.5	20.4 42.4	21.4 10.9	28.5 23.5	
Clothing, women's.....	1914 1909	1.6 1.2	18.2 10.7	29.6 23.0	15.6 23.5	11.4 17.2	23.7 12.0			Hats, fur-fell.....	1914 1909	0.6 0.8	1.4 1.9	0.9 9.4	11.2 16.0	43.3 33.3	29.4 26.3	13.2 12.3		

1 Less than one-tenth of 1 per cent.

Table 19—Continued.

INDUSTRY AND CITY.	Census year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.							
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000
Hosiery and knit goods.....	1914 1909	1.1 0.3	4.0 6.0	12.5 18.1	8.8 14.6	14.1 4.6	8.6 26.9	21.1 20.5	28.8
Iron and steel, steel works and rolling mills.	1914 1909	.....	0.4 0.1	1.7	3.3 5.9	19.2 18.1	13.6 22.0	27.8 30.7	34.0 23.1
Jewelry.....	1914 1909	3.0 2.1	27.1 19.9	27.3 28.0	22.9 18.0	19.1 25.6	.....	.....	.....
Leather, tanned, curried, and finished.	1914 1909	0.6 0.4	5.7 6.0	12.4 16.5	10.8 7.5	37.7 42.7	12.0 26.9	10.9	.....
Lumber and timber products...	1914 1909	10.8 11.7	20.8 32.7	24.7 23.0	0.4 17.3	9.8 4.5	7.7 10.0	10.7	.....
Millinery and lace goods.....	1914 1909	4.7 4.0	22.0 22.3	19.5 10.4	24.3 20.1	5.8 3.8	.....	23.8 33.5	.....
Paper and wood pulp.....	1914 1909	.....	2.7 0.2	14.3 4.1	12.7 17.2	38.5 31.0	12.4 13.8	19.3	.....
Printing and publishing.....	1914 1909	18.6 17.7	23.0 21.0	14.5 14.6	14.5 11.1	17.6 22.4	11.7 12.3	.....	.....
Rubber goods, not elsewhere specified.	1914 1909	0.3 0.4	2.3 2.1	7.1 2.4	10.7 8.2	17.6 37.7	20.5 49.1	32.5	.....
Shipbuilding, including boat building.	1914 1909	1.3 2.4	2.1 2.5	3.0 4.2	5.3 12.1	11.0 10.7	.....	15.3 9.3	61.4 58.7
Silk goods, including throwsters.	1914 1909	0.3 0.2	4.3 4.3	12.4 8.4	15.7 15.1	27.8 28.4	19.1 22.7	16.1 8.0	4.3 12.4
Smelting and refining, copper...	1914 1909	.....	.....	.....	.....	.....	.....	64.1	35.0
Tobacco manufactures.....	1914 1909	1.8 4.1	1.8 3.9	2.4 4.0	1.0 1.7	11.2	7.4 18.1	17.8 27.2	50.7 41.0
Woolen, worsted, and felt goods, and wool hats.	1914 1909	0.1 0.1	0.1 0.8	0.9 2.2	0.6	4.4 8.3	25.0 18.2	9.9 24.3	58.0 46.0
All other industries.....	1914 1909	3.5 3.8	6.5 8.5	8.9 8.3	10.4 12.3	16.5 16.0	18.0 19.5	14.2 11.1	21.9 19.9

¹ Excludes West Orange, to avoid disclosure of individual operations.

Nearly one-half of the establishments in the state employed from 1 to 5 wage earners. The next largest group—those employing from 6 to 20 wage earners—constituted 21.3 per cent of the total. These establishments, which represented 67.3 per cent of the total, furnished employment to only 9 per cent of the wage earners engaged in manufactures in 1914, while the groups of establishments having more than 100 wage earners, representing 7.5 per cent of the total, employed 72.1 per cent of the total number of wage earners in the several groups.

The small establishments—those employing 1 to 5 wage earners—predominate in the following industries: The manufacture of bakery products; copper, tin, and sheet-iron products; foundry and machine-shop products; lumber and timber products; and printing and publishing. Among the industries reporting a large proportion of wage earners in the groups employing over 250 wage earners are railroad repair shops, chemicals, glass, textiles, iron and steel rolling mills, and tobacco factories. Seventy-two per cent of the total average number of wage earners in the cities having a population of 10,000 or more were in establishments that employed more than 100 wage earners. The highest percentage, 93.1, is shown for Garfield.

Engines and power.—Table 20 shows, for 1914, 1909, and 1904, for all industries combined, the number and total horsepower of engines or motors employed in

INDUSTRY AND CITY.	Census year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.							
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000
Total for cities ¹	1914	2.7	6.1	8.9	10.3	16.4	16.0	13.7	25.9
ASBURY PARK.....	1914	10.9	23.4	30.8	26.0	.....	.....	.....	.....
ATLANTIC CITY.....	1914	17.8	25.2	26.2	10.6	14.3	.....	.....	.....
BAYONNE.....	1914	1.4	2.5	3.1	7.4	10.8	16.9	25.0	32.4
BLOOMFIELD.....	1914	1.4	1.5	7.8	8.3	22.9	22.6	.....	35.4
BRIDGETON.....	1914	4.6	7.6	16.8	25.7	16.7	.....	27.7	.....
CAMDEN.....	1914	1.7	3.7	5.8	5.0	8.4	18.9	12.5	43.9
EAST ORANGE.....	1914	2.8	4.4	8.0	8.2	9.2	37.7	29.7	.....
ELIZABETH.....	1914	1.7	2.0	4.3	7.2	11.6	10.2	.....	62.1
ENGLEWOOD.....	1914	30.8	43.0	.....	25.3	.....	.....	.....	.....
GARFIELD.....	1914	0.7	1.2	2.2	2.8	2.1	7.4	19.7	63.9
GLOUCESTER.....	1914	1.0	2.2	.....	4.1	21.7	.....	.....	71.0
HACKENSACK.....	1914	9.3	11.9	11.1	.....	24.3	43.5	.....	.....
HARRISON.....	1914	0.9	1.1	4.0	2.1	11.2	11.0	10.4	69.2
HOBOKEN.....	1914	2.9	7.4	14.8	12.8	25.6	14.4	10.4	11.7
IRVINGTON.....	1914	10.4	15.6	21.6	49.4	.....	.....	.....	.....
JERSEY CITY.....	1914	2.8	7.2	9.3	7.8	17.2	23.0	15.7	16.4
KEARNY.....	1914	1.2	1.5	1.1	4.9	.....	14.0	17.4	50.1
LONG BRANCH.....	1914	9.5	17.8	6.6	35.1	30.0	.....	.....	.....
MILLVILLE.....	1914	1.9	2.2	3.3	1.8	9.1	.....	30.1	51.6
MONTECLAIR.....	1914	10.5	23.8	21.5	.....	44.2	.....	.....	.....
MORRISTOWN.....	1914	22.5	61.0	16.5	.....	.....	.....	.....	.....
NEW BRUNSWICK.....	1914	1.3	3.8	4.4	14.5	13.2	17.8	.....	44.5
NEWARK.....	1914	3.8	10.1	12.7	14.0	20.4	16.3	10.0	11.2
ORANGE.....	1914	4.6	6.4	7.8	9.5	24.4	20.0	27.3	.....
PASSAIC.....	1914	1.3	2.4	2.9	5.2	8.8	7.1	20.2	43.1
PATERSON.....	1914	2.2	6.3	14.1	10.2	24.7	14.8	14.2	7.6
PERTH AMBOY.....	1914	1.9	1.3	3.6	6.4	15.1	22.3	21.4	23.0
PHILLIPSBURG.....	1914	0.6	2.2	3.4	6.8	7.5	16.9	.....	62.5
PLAINFIELD.....	1914	5.8	9.6	0.8	9.1	33.6	32.1	.....	.....
TRENTON.....	1914	2.4	3.5	7.3	7.6	19.6	19.4	11.5	23.7
UNION.....	1914	7.8	13.0	11.0	18.7	22.4	26.3	.....	.....
WEST HOBOKEN.....	1914	0.1	18.4	17.7	10.7	3.8	.....	43.3	.....
WEST NEW YORK.....	1914	3.8	14.8	12.5	30.4	20.0	11.9	.....	.....

generating power (including electric motors operated by purchased current). It also shows separately the number and horsepower of electric motors operated by current generated in the establishments reporting.

There was an increase in primary power amounting to 180,770 horsepower, of 29.5 per cent, from 1909 to 1914, more than one-third of which was due to the increase in rented power. Rented power, chiefly electric, has increased 449.7 per cent since 1904, when it represented only 4.3 per cent of the total primary power. The corresponding proportions for 1909 and 1914 were 6.8 per cent and 13.1 per cent, respectively. Owned power increased 65.1 per cent during the decade 1904-1914 and 20.8 per cent during the last five-year period, but represented a decreasing proportion of the total primary power at each successive census.

The use of electric motors run by current generated within the same establishments has also increased, but the rate of increase is much less than that in rented power. The power of motors operated by current generated in the same establishments represented 84.7 per cent of the total electric power in 1904 and 73.1 per cent in 1914.

The use of internal-combustion engines increased greatly during the decade. The horsepower of such engines, however, represented only 3.9 per cent of the total primary power in 1914. Water power shows a decrease of 19.2 per cent for the last five-year period and of 12.6 per cent for the decade.

Table 20

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904
Primary power, total.....	23,930	13,044	6,090	703,063	612,293	436,274	100.0	100.0	100.0
Owned.....	7,586	8,039	6,090	689,101	570,391	417,362	86.9	93.2	95.7
Steam engines and turbines ¹	5,808	6,378	4,876	642,608	529,848	390,035	81.0	86.0	86.5
Internal-combustion engines.....	1,328	1,116	677	30,502	20,867	9,070	3.9	3.4	2.1
Water wheels, turbines, and motors.....	390	545	537	15,991	19,670	18,197	2.0	3.2	4.1
Rented.....	16,350	5,005	.....	103,962	41,902	18,912	13.1	6.8	4.3
Electric.....	16,350	5,005	.....	94,605	33,157	10,683	11.0	5.4	2.4
Other.....	.....	.....	.....	9,357	8,745	8,309	1.2	1.4	1.9
Electric.....	37,793	17,145	.....	352,206	182,475	69,301	100.0	100.0	100.0
Rented.....	16,350	5,005	.....	94,605	33,157	10,683	26.9	18.2	15.3
Generated by establishments reporting.....	21,443	12,140	4,673	257,601	149,318	58,698	73.1	81.8	84.7

¹ Figures for horsepower include for 1909 and 1904 the amounts reported under the head of "other" owned power.

² Not reported.

Fuel.—Closely related to the subject of power employed in manufactures is that of the fuel consumed in generating power or otherwise used in manufacturing processes.

of fuel used, for which data were obtained, for all industries combined, for certain selected industries in the state as a whole, and for all industries combined in each city for which separate statistics can be shown.

Table 21 shows, for 1914, the quantity of each kind

Table 21

INDUSTRY AND CITY.	COAL.					INDUSTRY AND CITY.	COAL.							
	Anthracite (tons, 2,240 lbs.).	Bituminous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).		Anthracite (tons, 2,240 lbs.).	Bituminous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).	Oil, including gasoline (barrels).	Gas (1,000 cubic feet).			
All industries.....	4,085,025	3,936,555	444,740	1,020,268	1,231,745	Paving materials.....	3,005	55,257	.....	8,051	.....	.....	.....	.....
Automobiles, including bodies and parts.....	3,264	7,367	25	806	5,711	Petroleum, refining.....	953,106	69,587	39,701	78,041	267,781	.....	.....	.....
Belling and hose, woven and rubber.	35,742	14,747	.....	.....	300	Printing and publishing.....	8,314	7,002	17	332	47,002	.....	.....	.....
Boots and shoes, including out stock and findings.....	3,449	5,432	7	93	5,596	Rubber goods, not elsewhere specified	48,024	96,274	.....	334	533	.....	.....	.....
Brass and bronze products.....	5,980	17,801	3,290	16,900	10,869	Shipbuilding, including boat building	6,179	36,101	1,397	7,170	520	.....	.....	.....
Bread and other bakery products.....	57,988	7,174	4,631	292	49,065	Silk goods, including throwsters.....	76,149	14,374	.....	60	7,031	.....	.....	.....
Brick, tile, pottery, and other clay products.....	73,039	449,740	3,881	22,401	1,480	Slaughtering and meat packing.....	63,697	11,713	.....	198	4,892	.....	.....	.....
Canning and preserving.....	2,528	24,332	.....	337	2,111	Smelting and refining, copper.....	269,250	135,454	52,004	30,243	5,119	.....	.....	.....
Cars and general shop construction and repairs by steam-railroad companies.....	62,000	72,107	447	17,372	8	Soap.....	52,594	9,894	.....	6,190	.....	.....	.....	.....
Cement.....	52,018	292,325	.....	.....	.....	Sulphuric, nitric, and mixed acids... ..	63,882	17,885	95	21,507	.....	.....	.....	.....
Chemicals.....	287,106	125,900	9,799	10,892	8,900	Tobacco manufactures.....	16,139	15,271	114	42	1,028	.....	.....	.....
Clothing, men's, including shirts.....	4,390	777	.....	127	15,511	Tools.....	2,475	7,441	403	6,185	2,443	.....	.....	.....
Confectionery.....	2,986	5,109	53	.....	11,209	Upholstering materials, not elsewhere specified.....	6,030	1,828	.....	1,048	.....	.....	.....	.....
Cooperage and wooden goods, not elsewhere specified.....	1,192	907	489	4,154	16,132	Wall paper, not made in paper mills.	2,849	7,511	.....	.....	.....	.....	.....	.....
Copper, tin, and sheet-iron products..	11,654	10,810	107	9,071	47,080	Wirework, including wire rope and cable, not elsewhere specified.....	1,126	7,795	203	601	2,336	.....	.....	.....
Cordage and twine and lute and linen goods.....	29,581	6,871	.....	.....	27	Woolen, worsted, and felt goods, and wool hats.....	136,517	25,711	.....	1,372	926	.....	.....	.....
Cork, cutting.....	7,719	381	1,101	.....	2,049	All other industries.....	534,487	1,017,653	193,307	160,680	251,910	.....	.....	.....
Cotton goods, including cotton small wares.....	55,531	40,008	.....	19	4,262	Total for cities ¹	3,462,452	2,599,880	221,268	1,233,301	1,067,311	.....	.....	.....
Dyeing and finishing textiles.....	252,024	35,683	.....	2,890	54,078	ASBURY PARK.....	824	798	.....	100	1,549	.....	.....	.....
Dyestuffs and extracts.....	8,897	7,032	.....	3	3,000	ATLANTIC CITY.....	11,036	17,851	145	44,401	3,745	.....	.....	.....
Electrical machinery, apparatus, and supplies.....	20,592	44,034	50	2,930	107,306	BAYONNE.....	705,461	141,838	75,101	155,392	318,835	.....	.....	.....
Fertilizers.....	8,279	39,290	.....	103	.....	BLOOMFIELD.....	22,998	12,000	194	1,022	46,209	.....	.....	.....
Food preparations, not elsewhere specified.....	14,027	5,816	1,321	22	13,200	BRIDGETON.....	573	47,299	1,364	27,590	1,679	.....	.....	.....
Foundry and machine-shop products.	103,872	191,840	94,806	30,808	197,792	CAMDEN.....	102,681	529,715	25,554	44,200	179,469	.....	.....	.....
Furniture and refrigerators.....	5,010	6,435	1,741	54	8,274	EAST ORANGE.....	11,125	2,554	694	34	35,151	.....	.....	.....
Gas and electric fixtures and lamps and reflectors.....	4,707	8,085	111	4,560	4,541	ELIZABETH.....	122,758	50,388	8,892	62,053	48,332	.....	.....	.....
Gas, illuminating and heating.....	159,480	115,988	27,543	876,820	.....	ENGLEWOOD.....	324	858	.....	162	.....	.....	.....	.....
Glass.....	3,793	139,858	2,356	112,265	3,029	GARFIELD.....	81,286	3,062	510	7	3,382	.....	.....	.....
Hats, fur-felt.....	20,138	9,880	.....	20	10,633	GLOUCESTER.....	1,033	20,415	62	4,479	2,269	.....	.....	.....
Hosiery and knit goods.....	2,572	12,784	.....	6	1,647	HACKENSACK.....	3,392	2,592	.....	5	906	.....	.....	.....
Ice cream.....	2,152	4,049	53	20	2,083	HARRISON.....	31,890	92,103	5,114	8,544	3,121	.....	.....	.....
Ice, manufactured.....	63,048	58,547	300	684	.....	HOBOKEN.....	41,080	17,340	2,042	3,005	31,994	.....	.....	.....
Iron and steel, steel works and rolling mills.....	39,031	234,186	3,373	183,580	2,173	IRVINGTON.....	2,148	11,816	3,191	62	4,551	.....	.....	.....
Jewelry.....	3,295	139	28	302	14,943	JERSEY CITY.....	318,770	400,488	17,338	339,634	91,927	.....	.....	.....
Leather, tanned, curried, and finished	25,960	63,329	71	1,894	558	KEARNY.....	64,808	52,029	370	10,495	5,472	.....	.....	.....
Liquors, malt.....	109,617	34,141	.....	220	27	LONG BRANCH.....	4,797	4,169	63	17,727	1,295	.....	.....	.....
Lumber and timber products.....	7,334	16,400	.....	940	11,626	MILVILLE.....	427	70,720	540	13,125	5,914	.....	.....	.....
Marble and stone work.....	2,502	3,402	.....	480	1,027	MONTECLAIR.....	6,214	72	.....	.....	1,910	.....	.....	.....
Minerals and earths, ground.....	4,270	9,072	.....	2	44	MORRISTOWN.....	2,065	829	.....	7	1,499	.....	.....	.....
Musical instruments, pianos and organs and materials.....	7,288	4,484	125	22	660	NEW BRUNSWICK.....	8,753	29,636	167	487	2,870	.....	.....	.....
Oil, not elsewhere specified.....	8,251	8,191	.....	.....	.....	NEWARK.....	383,100	328,995	32,045	286,775	176,153	.....	.....	.....
Olecloth and linoleum.....	18,730	74,023	465	50	.....	ORANGE.....	21,809	1,635	.....	189	4,189	.....	.....	.....
Paint and varnish.....	20,921	49,062	3,113	60	10,451	PASSAIC.....	188,347	30,169	563	3,867	7,600	.....	.....	.....
Paper and wood pulp.....	189,119	105,818	.....	1,206	844	PATERSON.....	205,543	36,564	2,462	118,071	29,393	.....	.....	.....
Paper goods, not elsewhere specified.	11,900	9,299	.....	12	.....	PERTH AMBOY.....	240,581	243,599	30,148	29,355	22,675	.....	.....	.....
Patent medicines and compounds and druggists' preparations.....	24,663	5,088	16	350	2,022	PHILIPSBURG.....	775,533	83,110	5,410	8,852	1,107	.....	.....	.....
						PLAINFIELD.....	25,516	10,359	1,372	299	4,460	.....	.....	.....
						TRENTON.....	56,113	317,428	7,895	50,680	25,893	.....	.....	.....
						UNION.....	15,321	1,611	60	3	848	.....	.....	.....
						WEST HOBOKEN.....	7,420	3,735	108	8	2,008	.....	.....	.....
						WEST NEW YORK.....	12,807	17,273	40	1,020	1,867	.....	.....	.....

¹ Excludes West Orange, to avoid disclosure of individual operations.

SPECIAL STATISTICS.

For certain industries the Census Bureau collects, by means of special schedules, details regarding the quantities and cost of materials, the quantities and values of products, and other information for securing which no provision is made on the general schedule. Certain data of this character for 11 industries, or industry groups, and for power laundries in New Jersey are here presented.

Textiles.—The relative importance of the principal groups of textile industries in New Jersey, measured by value of products, is shown in the following table, which presents the total value of these products at the last three censuses.

	VALUE OF PRODUCTS.		
	1914	1909	1904
Total.....	\$154,457,463	\$133,204,457	\$85,044,329
Silk goods, including throwsters.....	75,700,449	65,420,550	42,862,907
Wool manufactures.....	38,493,312	35,833,854	18,142,520
Woolen, worsted, and felt goods, and wool hats.....	36,268,561	33,938,637	16,393,680
Carpets and rugs, other than rag.....	2,224,761	1,945,217	1,748,831
Cotton goods, including cotton small wares.....	16,782,104	13,728,874	8,578,527
Hats, fur-felt.....	7,069,344	8,825,217	9,540,433
Hosiery and knit goods.....	7,840,556	3,810,241	2,549,107
Cordage and twine and jute and linen goods.....	7,656,638	5,526,721	3,370,835

The progress of the textile industries in New Jersey during the last decade is indicated by the following table, which shows the number of spindles, looms, and other equipment reported for four leading groups of textile industries in 1914, 1909, 1904, and 1899.

MACHINE.	Cen- sus year.	Total.	Cotton goods, in- cluding cotton small wares.	Woolen, worsted, and felt goods, and wool hats.	Silk goods, in- cluding throw- sters.	Hosiery and knit goods.
Producing spindles.....	1914	945,070	443,938	280,502	213,327	7,303
	1909	894,520	420,784	230,714	233,440	6,582
	1904	864,984	436,764	181,293	237,465	6,462
	1899	868,812	431,730	147,084	281,690	8,408
Looms.....	1914	36,290	2,800	5,709	27,781	.....
	1909	37,287	3,381	4,091	28,915	.....
	1904	29,984	2,250	3,799	23,935	.....
	1899	25,487	2,276	2,665	20,572	.....
Knitting machines.....	1914	3,496	.....	.....	.....	3,496
	1909	1,492	.....	.....	.....	1,492
	1904	1,345	.....	.....	.....	1,345
	1899	1,335	.....	.....	.....	1,335
Woolen cards (sets).....	1914	190	.....	169	.....	21
	1909	163	.....	131	.....	32
	1904	205	.....	179	.....	26
	1899	223	.....	197	.....	26
Wool-combing machines.....	1914	849	.....	349	.....	.....
	1909	285	.....	265	.....	.....
	1904	166	.....	160	.....	.....
	1899	125	.....	125	.....	.....

The total number of producing spindles reported for the four industry groups covered by the table shows an increase of 50,550, or 5.7 per cent, from 1909 to 1914. The increase in producing spindles in the cotton and woolen mills was almost counterbalanced by the decrease in the silk mills. The number of knitting machines shows an increase of 2,004, or 134.3 per cent, for the last five-year period; wool-combing machines, 84, or 31.7 per cent; and woolen cards, 27,

or 16.6 per cent. On the other hand, there was a decrease of 997, or 2.7 per cent, in the number of looms.

Silk goods, including throwsters.—The quantity and cost of the principal materials used and the quantity and value of the principal products manufactured in the silk-goods industry in 1914, 1909, and 1904 are given in the following table:

	1914	1909	1904
MATERIALS.			
Total cost.....	\$40,882,865	\$33,295,177	\$22,339,447
Silk:			
Raw—			
Pounds.....	6,891,603	6,112,647	3,553,060
Cost.....	\$26,613,777	\$23,705,909	\$13,920,104
Spun—			
Pounds.....	501,912	244,617	154,201
Cost.....	\$1,198,200	\$628,027	\$341,208
Artificial—			
Pounds.....	487,887	103,148	8,066
Cost.....	\$923,676	\$197,203	\$35,074
Organzine and tram—			
Pounds.....	1,471,594	1,143,764	1,343,081
Cost.....	\$6,154,447	\$4,899,843	\$5,832,154
Yarns, other than silk:			
Cotton—			
Pounds.....	2,975,046	1,889,158	1,054,973
Cost.....	\$1,087,780	\$781,061	\$402,480
Mercerized cotton—			
Pounds.....	352,340	490,307	261,905
Cost.....	\$313,104	\$300,198	\$208,204
Woolen or worsted—			
Pounds.....	300,383	69,189	25,725
Cost.....	\$450,703	\$106,333	\$27,962
Other—			
Pounds.....	169,767	122,303	14,891
Cost.....	\$139,322	\$170,009	\$10,622
Fuel and rent of power, cost.....	\$629,687	\$537,514	\$404,394
All other materials, cost.....	\$3,371,514	\$1,849,375	\$1,157,065
PRODUCTS.			
Total value.....	\$75,706,449	\$65,426,550	\$42,862,907
Organzine and tram for sale:			
Pounds.....	874,053	266,468	171,187
Value.....	\$3,053,454	\$1,240,406	\$777,250
Broad silks:			
Yarn-dyed—			
All-silk—			
Yards, single width.....	30,805,567	47,639,175	38,452,447
Value.....	\$22,256,480	\$32,863,539	\$23,419,627
Silk-mixed—			
Yards, single width.....	8,844,572	8,800,823	3,042,286
Value.....	\$5,943,296	\$5,778,947	\$2,154,012
Piece-dyed and printed—			
All-silk—			
Yards, single width.....	21,243,402	4,763,872	3,874,771
Value.....	\$14,648,890	\$3,200,166	\$2,175,934
Silk-mixed—			
Yards, single width.....	8,269,269	3,584,329	1,331,233
Value.....	\$5,171,512	\$1,834,553	\$439,935
Ribbons, value.....	\$17,924,186	\$14,971,005	\$10,936,331
Laces, nets, veils, veillings, etc., value.....	\$650,634	\$581,923	\$414,891
All other products, value.....	\$4,391,360	\$3,082,438	\$2,446,937
Amount received for contract work.....	\$1,661,623	\$2,436,573	\$998,800

From 1909 to 1914 the quantity of raw silk used increased 778,956 pounds, or 12.7 per cent, and its cost increased \$2,908,168, or 12.3 per cent. The quantity of spun silk more than doubled during the same period. There is a growing tendency to use artificial silk in certain fabrics, the increase in quantity having been 373 per cent during the five-year period. The value of artificial silk used in 1914, however, represented only 2.3 per cent of the total cost of all materials. With the exception of mercerized cotton yarn, a considerably larger quantity of each kind of yarn other than silk was used in 1914 than in 1909.

The total output of broad silks was valued at \$48,020,187 in 1914 and \$43,167,205 in 1909, the increase being \$4,852,982, or 11.2 per cent. Of the broad silks, the production of yarn-dyed goods decreased

\$9,932,701, or 26 per cent, in value, during the five-year period, whereas the value of piece-dyed and printed goods increased \$14,785,683, or 293.7 per cent. A smaller quantity of silk was thrown on commission in 1914 than in 1909, as indicated by the decrease of \$774,945, or 31.8 per cent, in the amount received for contract work.

Wool manufactures.—Table 25 shows in detail, for 1914, 1909, and 1904, the quantities and cost of materials used in wool manufactures and the quantities and values of the principal products.

Table 25		1914	1909	1904
MATERIALS.				
Total cost.....		\$24,422,336	\$21,030,394	\$11,006,396
Wool:				
In condition purchased—				
Pounds.....		50,400,202	44,922,157	37,944,206
Cost.....		\$11,883,474	\$11,820,250	\$6,998,728
Domestic—				
Pounds.....		32,002,750	31,109,309	33,003,274
Cost.....		\$7,002,031	\$6,806,485	\$6,038,501
Foreign—				
Pounds.....		17,797,452	13,812,848	3,980,932
Cost.....		\$4,881,443	\$4,920,765	\$1,330,227
Equivalent in scoured condition, pounds.....				
		28,471,130	22,914,674	(¹)
Mohair, camel, alpaca, and vicuña hair:				
Pounds.....		47,841	36,722	
Cost.....		\$31,478	\$13,250	
Other animal hair:				
Pounds.....		1,593,001	2,604,355	361,220
Cost.....		\$89,633	\$76,647	\$39,550
Rags, clippings, etc.:				
Pounds.....		1,061,037	1,061,006	5,813,231
Cost.....		\$48,576	\$42,270	\$283,303
Waste and noils of wool, mohair, etc.:				
Pounds.....		6,160,433	1,589,752	973,808
Cost.....		\$1,227,346	\$557,503	\$240,702
Tops:				
Pounds.....		809,122	578,579	1,707,283
Cost.....		\$523,286	\$358,117	\$315,900
Yarns, purchased:				
Woolen—				
Pounds.....		1,114,305	708,465	1,036,103
Cost.....		\$423,008	\$274,219	\$280,008
Worsted—				
Pounds.....		7,066,772	6,240,943	1,307,443
Cost.....		\$5,988,147	\$6,011,147	\$995,207
Cotton—				
Pounds.....		1,200,000	1,702,805	2,168,820
Cost.....		\$250,600	\$345,482	\$400,301
Silk and spun silk—				
Pounds.....		22,721	6,122	5,855
Cost.....		\$101,938	\$31,284	\$18,227
All other yarns—				
Pounds.....		2,159,581	1,407,129	2,408,623
Cost.....		\$237,656	\$115,504	\$172,509
Chemicals and dyestuffs, cost.....				
		\$543,470	\$515,607	\$440,228
Fuel and rent of power, cost.....				
		\$189,376	\$417,028	\$280,824
All other materials, cost.....				
		\$2,496,510	\$1,843,930	\$1,092,753
PRODUCTS.				
Total value.....		\$38,493,312	\$36,883,854	\$18,142,520
All-wool woven goods:				
Woolen suitings, overcoatings, and dress goods—				
Square yards.....		7,078,897	4,841,944	3,022,078
Value.....		\$3,077,452	\$4,222,487	\$2,120,255
Worsted suitings, overcoatings, and dress goods—				
Square yards.....		29,301,290	21,889,043	13,064,724
Value.....		\$17,724,341	\$14,050,635	\$5,385,562
All other—				
Square yards.....		24,000	64,200	117,424
Value.....		\$33,000	\$48,232	\$86,148
Union, or cotton-mixed woven goods:				
Square yards.....			238,417	389,508
Value.....			\$108,062	\$142,808
Cotton-warp woven goods:				
Square yards.....		3,627,321	2,977,585	7,616,707
Value.....		\$1,438,506	\$1,253,733	\$2,348,135
Carpets and rugs:				
Square yards.....		1,793,020	2,194,540	(¹)
Value.....		\$2,224,751	\$1,892,986	\$1,686,770
Worsted yarn, for sale:				
Pounds.....		12,718,006	11,204,625	
Value.....		\$11,189,911	\$11,566,331	
Worsted tops and stubbing:				
Pounds.....		380,123	47,495	5,776,075
Value.....		\$229,410	\$28,298	\$4,656,244
Noils:				
Pounds.....		2,216,080	1,628,362	940,338
Value.....		\$668,074	\$583,740	\$326,732
Waste:				
Pounds.....		4,066,348	2,111,639	1,161,220
Value.....		\$920,869	\$528,799	\$327,740
All other products, value.....				
		\$677,698	\$965,651	\$1,062,000

¹ Figures not available.

The cost of materials consumed in the manufacture of woolen, worsted, and felt goods, and carpets and rugs increased 110.4 per cent during the decade 1904–1914 but only 11.4 per cent for the census period 1909–1914. Wool formed 48.7 per cent of the cost of materials in 1914 and 53.9 per cent in 1909. There was an increase, however, in the value of the wool consumed in 1914 over that of 1909 of five-tenths of 1 per cent. The largest gain for the period 1909–1914 was in waste and noils, which increased 120.1 per cent in cost and 288.2 per cent in quantity.

The increase in wool manufactures has been almost entirely in the worsted-goods branch of the industry. From 1909 to 1914 the output of worsted goods increased 34.1 per cent in quantity and 21 per cent in value. The manufacture of cotton-mixed woven goods was discontinued in 1914. The output of carpets and rugs in 1914 consisted of Axminster, Wilton, and Brussels carpets and tapestry velvet and Axminster and Smyrna rugs.

Owing to the fact that the spinning and weaving operations are frequently carried on in different establishments, the products of one establishment in the industry often become materials for another. To the extent, therefore, that the yarns manufactured were sold by the establishments producing them to other establishments in the state engaged in the woolen industry for use as materials in their manufacturing processes, a duplication is involved in the total cost of materials and in the value of products.

Cotton goods, including cotton small wares.—Table 26, on the following page, shows the quantity and cost of the principal materials used and the quantity and value of products reported for this industry in 1914, 1909, 1904, and 1899.

The quantity of raw cotton consumed increased 3,322,214 pounds, or 18.1 per cent, and its cost, \$717,395, or 23 per cent, from 1909 to 1914. The cotton used in 1914 averaged almost 18 cents a pound, the high cost being due to the extensive use of sea-island and Egyptian cottons in the manufacture of thread. Cotton yarn purchased in 1914 was an increase over 1909 of 17.1 per cent in quantity and of 11.1 per cent in cost.

Thread is the most important product of the cotton mills of the state, but in order to avoid disclosure of the operations of individual establishments the value is included under "all other products." The output of plain and fancy fabrics, twills, sateens, and ducks increased 11,534,243 square yards, or 66.4 per cent, and its value \$1,761,119, or 43.3 per cent, from 1909 to 1914. The value of other woven goods (mosquito netting, tapestries, toweling, and velours), yarns, and waste was less in 1914 than in 1909, but the difference is more than offset by the increased value of "all other products."

To the extent that the yarns were sold by the establishments producing them to other establishments in

the state for use as material in further processes of manufacture, there is a duplication in both the total cost of materials and the total value of products.

	1914	1909	1904 ¹	1899
MATERIALS.				
Total cost.....	\$10,115,534	\$8,564,733	\$5,142,785	\$3,157,768
Cotton:				
Pounds.....	21,722,741	18,400,527	10,319,307	15,287,868
Cost.....	\$3,830,841	\$3,113,446	\$2,047,840	\$1,411,743
Cotton yarn:				
Pounds.....	12,240,169	10,451,910	5,523,955	2,916,328
Cost.....	\$4,075,353	\$4,206,068	\$1,385,751	\$682,929
Starch, cost.....	\$54,134	\$33,040	\$19,711	\$26,821
Chemicals and dyestuffs, cost.....	\$182,037	\$111,385	\$75,363	\$298,015
Fuel and rent of power, cost.....	\$288,766	\$199,252	\$178,570	\$127,700
All other materials, cost.....	\$1,084,403	\$900,942	\$835,550	\$710,500
PRODUCTS.				
Total value.....	\$16,782,104	\$13,728,874	\$8,578,527	\$6,930,766
Plain and fancy fabrics, twills, satens, and duck:				
Square yards.....	28,910,503	17,370,260	18,159,747	13,159,526
Value.....	\$5,825,470	\$4,004,351	\$1,606,199	\$1,280,540
Other woven goods:				
Square yards.....	12,403,471	22,820,187	12,145,798	15,107,858
Value.....	\$1,255,044	\$1,255,044	\$408,205	\$537,472
Yarns, for sale:				
Pounds.....	3,723,038	4,026,844	4,230,029	3,727,895
Value.....	\$1,400,207	\$1,810,075	\$1,285,023	\$870,824
Waste, for sale:				
Pounds.....	4,086,591	3,509,041	3,305,170	2,547,061
Value.....	\$357,725	\$211,347	\$203,633	\$78,208
All other products, value.....	\$8,265,721	\$6,387,457	\$5,015,377	\$4,163,722

¹ Excludes statistics for one establishment, to avoid disclosure of individual operations.

Hats, fur-felt.—This industry includes the manufacture of stiff and soft felt hats for men's and women's wear, chiefly from rabbit fur. The industry in New Jersey has declined steadily during the decade. The state held first place among the states in the industry in 1904, fourth in 1909, and third in 1914. Newark and Orange together reported products valued at \$6,723,814 in 1914, or 84.4 per cent of the industry total for the state. The quantity and cost of materials used and the number and value of fur-felt hats manufactured in 1914, 1909, and 1904 are shown in the following table:

	FUR-FELT HATS.		
	1914	1909	1904
MATERIALS.			
Total cost.....	\$3,708,042	\$4,111,508	\$4,227,235
Hatters' fur:			
Pounds.....	1,327,918	1,817,020	1,880,510
Cost.....	\$1,600,520	\$2,115,407	\$2,022,347
Fur-felt hat bodies and hats in the rough:			
Dozens.....	58,256	20,156	40,992
Cost.....	\$186,901	\$153,215	\$209,289
Chemicals and dyestuffs, cost.....	\$104,889	\$122,909	\$331,723
All other materials, cost.....	\$1,725,732	\$1,720,037	\$1,063,876
PRODUCTS.			
Total value.....	\$7,909,344	\$8,825,217	\$9,540,433
Fur-felt hats:			
Dozens.....	406,423	579,596	676,906
Value.....	\$7,149,716	\$8,121,205	\$8,905,430
All other products, including contract work, value.....	\$819,628	\$704,012	\$634,997

From 1909 to 1914 there was a decrease of 489,102 pounds, or 26.9 per cent, in the quantity of hatters' fur used, and a decrease of \$424,887, or 20.1 per cent, in the amount expended by manufacturers for this material. The output of the fur-felt hats decreased 83,173 dozens, or 16.8 per cent, in quantity, and \$971,489, or 12 per cent, in value during the five-year period.

Slaughtering and meat packing.—This classification includes wholesale slaughtering and meat-packing establishments only. The following table shows the quantity and cost of the principal materials and the quantity and value of certain leading products reported for the censuses of 1914, 1909, and 1904.

	1914	1909	1904
MATERIALS.			
Total cost.....	\$35,310,270	\$32,823,647	\$15,070,581
Animals slaughtered:			
Beoves:			
Number.....	37,908	53,234	38,591
Cost.....	\$3,430,821	\$3,068,021	\$1,839,384
Calves:			
Number.....	68,492	95,604	103,389
Cost.....	\$1,059,927	\$1,145,785	\$689,487
Sheep and lambs—			
Number.....	426,063	423,724	502,642
Cost.....	\$2,430,594	\$2,283,093	\$2,376,354
Hogs—			
Number.....	1,207,313	1,210,849	1,282,410
Cost.....	\$16,305,599	\$11,094,440	\$8,537,754
Dressed meat purchased for curing, cost.....	\$6,023,611	\$10,175,511	\$1,706,436
All other materials, cost.....	\$5,153,727	\$3,855,597	\$230,166
PRODUCTS.			
Total value.....	\$38,809,339	\$36,445,701	\$17,238,076
Fresh meat:			
Beef—			
Pounds.....	24,107,901	35,415,243	21,653,010
Value.....	\$3,114,712	\$3,475,755	\$1,837,742
Veal—			
Pounds.....	6,045,898	8,702,274	10,092,263
Value.....	\$1,106,954	\$1,131,257	\$1,059,149
Mutton and lamb—			
Pounds.....	15,500,648	10,223,067	21,468,265
Value.....	\$2,297,900	\$2,085,232	\$1,938,193
Pork—			
Pounds.....	106,261,343	96,506,328	121,030,717
Value.....	\$12,925,302	\$10,115,850	\$8,196,454
Edible offal and all other fresh meat—			
Pounds.....	4,825,446	1,538,020	1,365,846
Value.....	\$301,583	\$79,949	\$97,088
Cured meat:			
Beef, pickled and other cured—			
Pounds.....	3,867,280	5,445,719	203,925
Value.....	\$412,877	\$661,900	\$32,073
Pork, pickled and other cured—			
Pounds.....	33,894,116	49,690,559	19,325,603
Value.....	\$5,038,813	\$6,314,238	\$1,816,944
Sausage:			
Pounds.....	13,525,180	15,344,144	3,586,223
Value.....	\$2,087,241	\$1,727,255	\$371,815
Lard:			
Pounds.....	15,222,402	49,017,209	5,423,649
Value.....	\$1,739,516	\$4,747,104	\$330,592
Tallow, oleo stook and stearin:			
Pounds.....	7,134,066	8,785,195	(?)
Value.....	\$512,956	\$504,836	(?)
Fertilizers and fertilizer materials:			
Tons.....	15,393	8,742	5,349
Value.....	\$441,388	\$256,815	\$52,828
Hides and pelts:			
Cattle—			
Number.....	47,573		
Pounds.....	3,250,480		
Value.....	\$530,481		\$5,064
Calf—			
Number.....	41,301		
Pounds.....	497,632		
Value.....	\$98,475		\$301,230
Sheep—			
Number.....	426,063		
Value.....	\$439,390		\$507,247
All other products, value.....	\$7,770,661	\$4,332,540	\$665,851

¹ Includes cost of all other animals.

² Not reported separately.

From 1909 to 1914 the total cost of materials increased \$2,486,632, or 7.6 per cent, and the total value of products derived therefrom, \$2,363,638, or 6.5 per cent. The corresponding increases for the preceding five-year period were 109.3 per cent and 111.4 per cent, respectively. There was a considerable decrease in the number of beeves and calves slaughtered in 1914, as compared with 1909, though a slight increase in the number of sheep, lambs, and hogs slaughtered during the same period. Pork products held first place in the industry in the state for each census year shown in the table. In 1914 the value of fresh and cured pork and lard represented \$19,694,631, or 50.7 per cent; in 1909, \$21,177,192, or 58.1 per cent; and in 1904, \$10,313,990, or 59.8 per cent of the total value of products for the industry in the state.

Chemicals.—The following table shows the quantity and value of certain chemicals, or groups of chemicals, manufactured during 1914 and 1909.

	1914	1909
Products, total value.....	\$37,688,949	\$20,516,105
The chemical industry.....	\$31,080,865	\$22,824,140
The sulphuric, nitric, and mixed acids industry...	\$5,071,209	\$2,127,037
Subsidiary chemical products from other industries.....	\$930,785	\$1,664,328
Acids.....	\$7,644,721	\$5,256,030
Sulphuric—		
Tons.....	378,263	209,643
Value.....	\$2,052,344	\$2,241,195
Nitric—		
Tons.....	3,360	3,515
Value.....	\$980,837	\$440,074
Mixed—		
Tons.....	11,820	5,630
Value.....	\$752,274	\$427,081
Muratic—		
Tons.....	25,721	29,065
Value.....	\$400,980	\$511,977
Other acids.....	\$2,543,280	\$1,003,912
Plastics.....	\$7,622,304	\$4,034,200
Sodas and sodium compounds.....	\$4,024,004	\$1,472,020
Cyanides.....	\$1,917,146	\$1,423,232
Coal-tar products.....	\$1,563,037	\$852,059
Compressed or liquefied gases.....	\$527,106	\$424,625
Bleaching materials.....	\$317,373	\$76,941
Fine chemicals: Alkaloids, gold and silver salts, other, etc.....	\$3,438,772	\$2,944,362
Other chemicals.....	\$7,750,200	\$7,902,330
All other products.....	\$1,983,206	\$1,530,797

Of the several groups of products, acids was the most important in 1914 from the standpoint of value, which increased 45.4 per cent over that of 1909. The output of acids in 1914 was approximately one-fourth of the total for the country.

In the production of plastics, known under trade names such as celluloid, bakelite, condensite, pyrolin, etc., the state is the leading producer, and its output constituted more than one-half of the total production of plastics. The output of the state in 1914 exceeded that of 1909 by 64.5 per cent.

There is a considerable production of chemicals by establishments engaged primarily in other lines of manufacture, and the value of the same is given separately in the above table. The total value of products of the classified chemical industry in 1914 shows an increase of \$8,862,725, or 38.8 per cent, over that of 1909.

Leather, tanned, curried, and finished.—Table 30 gives the quantity and value of products manufactured during the census years of 1914, 1909, and 1904.

	1914	1909	1904
Products, total value.....	\$31,651,831	\$28,430,955	\$21,495,329
Leather:			
Sole—Oak and chrome—			
Sides.....	339,811	120,000	(1)
Value.....	\$3,083,632	\$1,015,495	(1)
Upholstery (automobile, furniture, and carriage), value.....	\$8,344,410	\$8,836,740	\$5,143,295
Calf and kip skins—			
Number.....	861,973	371,066	90,992
Value.....	\$1,742,780	\$856,533	\$172,650
Goat and kid skins—			
Number.....	2,625,814	6,340,036	3,481,123
Value.....	\$2,344,202	\$5,025,036	\$3,161,780
Sheep and lamb skins—			
Number.....	2,842,980	1,901,020	1,228,500
Value.....	\$2,232,134	\$1,529,969	\$743,892
All other, value.....	\$12,109,078	\$9,027,470	\$10,831,797
All other products, value.....	\$1,001,091	\$471,054	\$190,576
Work on materials for others, value..	\$704,498	\$707,153	\$1,251,520

¹ Figures not available.

Leather used in the upholstering of furniture, automobiles, and carriages was the product of chief value at each census period covered by the table. Although this product shows a slight decrease in value as compared with 1909, it represented 26.4 per cent of the total value of leather manufactures in 1914. The greatest increase, actual and relative, was in the output of sole leather, the value of which more than trebled during the five years 1909–1914. Calf and kip skins and sheep and lamb skins increased substantially in both number and value, while goat and kid skins decreased in both items.

“All other leather” includes various kinds of leather for which separate statistics were not compiled at prior censuses, such as cattle side upper, horse, colt, fancy, finished splits, chamois, cabretta, kangaroo, and wallaby.

All other products, comprising wool, hair, glue stock, etc., show a steady increase for each census year, while the amount received for custom work shows a decrease.

The city of Newark, which is third among the centers of production in the United States, reported 63.6 per cent of the total value of leather, tanned, curried, and finished, in the state in 1914.

Paint and varnish.—The quantity and value of the different products are shown in the following table:

	1914	1909	1904	1899
Products, total value.....	\$10,740,215	\$13,586,123	\$9,906,869	\$6,213,024
Paint industry.....	\$10,853,242	\$7,485,599	\$3,511,375	\$3,400,862
Varnish industry.....	\$5,233,475	\$5,281,330	\$3,455,494	\$2,763,562
Subsidiary products from other industries.....	\$653,498	\$819,194		
Colors (pigments):				
Pounds.....	60,272,751	65,004,052	22,765,559	26,010,483
Value.....	\$3,654,750	\$3,495,680	\$1,270,200	\$1,537,076
Paints.....	\$4,811,082	\$3,841,335	\$1,810,108	\$1,132,641
In paste form ground in oil—				
White lead—				
Pounds.....	12,210,626	3,713,557	(1)	(1)
Value.....	\$668,300	\$253,308	(1)	(1)
Zinc oxide—				
Pounds.....	2,044,815			
Value.....	\$230,500			
All other—		16,977,690	10,703,000	8,672,911
Pounds.....	9,333,604	\$907,454	\$512,967	\$552,452
Value.....	\$1,108,304			
In oil ready mixed for use—				
Gallons.....	2,967,518	2,805,787	1,490,561	622,542
Value.....	\$2,803,888	\$2,590,573	\$1,303,231	\$580,189

¹ Included in colors (pigments).

Table 31—Continued.

	1914	1909	1904	1899
Varnishes and japans.....	\$5,045,245	\$5,052,776	\$3,441,758	\$2,873,106
Oleoresinous varnishes—				
Gallons.....	2,026,073	2,038,307	2,030,870	1,664,845
Value.....	\$3,915,083	\$3,350,067	\$2,407,316	\$2,254,321
Spirit varnishes—				
Gallons.....	128,380	60,370	103,477	67,543
Value.....	\$211,306	\$84,462	\$105,877	\$124,223
Damar and similar turpentine and benzine varnishes—				
Gallons.....	636,605	816,018	(1)	(1)
Value.....	\$337,521	\$686,259	(1)	(1)
Drying japans and dryers—				
Gallons.....	593,142			
Value.....	\$364,207			
Baking japans and lacquers—		\$646,003	\$641,204	\$374,230
Gallons.....	458,539			
Value.....	\$720,235			
All other varnishes and japans, value.....	\$96,893	\$285,985	\$197,361	\$120,323
Fillers, liquid, paste and putty, value.....	\$122,706	\$130,049	\$146,462	(1)
All other products, value.....	\$2,506,432	\$1,066,283	\$286,161	\$671,101

¹ Not reported separately.

Oleoresinous varnish, the leading product reported at each of the last four censuses, formed 14.8 per cent of the total quantity and 21.1 per cent of the total value of this class of products for the United States in 1914. Other important products were paints in oil, already mixed for use; white lead, ground in oil; baking japans and lacquers; drying japans and dryers; and zinc oxide ground in oil.

In addition to the products enumerated in the preceding table for 1914, there were 5,540,973 pounds of dry white lead, 4,699 pounds of lead oxide, 81,000 pounds of lithopone, 217,279 gallons of varnish, and 117,440 gallons of dryers and drying japans manufactured and consumed in the establishments producing.

Paints and varnishes, to the value of \$653,498, were also manufactured by 14 establishments engaged primarily in other industries. The principal items making up this product were 68,868 pounds of pigments, valued at \$86,298; 141,008 gallons of paints in oil, already mixed for use, valued at \$130,464; and 193,000 gallons of baking japans and lacquers, valued at \$340,982.

Among materials used in the industry in 1914 were 11,717 tons of pig lead, 48,013 gallons of grain alcohol, 27,814 gallons of wood alcohol, 2,091,861 gallons of linseed oil, and over 5,000,000 pounds of gums.

Printing and publishing.—Table 32 shows the number and aggregate circulation per issue of the various classes of publications in New Jersey in 1914, 1909, and 1904.

Table 32

PERIOD OF ISSUE.	NUMBER OF PUBLICATIONS.			AGGREGATE CIRCULATION PER ISSUE.		
	1914	1909	1904	1914	1909	1904
Total.....	350	348	378	1,509,137	1,071,456	1,105,723
Daily.....	46	54	55	451,681	437,144	303,030
Sunday.....	7	6	7	83,095	70,670	73,118
Semiweekly.....	3	15	4	5,475	18,774	4,576
Weekly.....	246	247	270	391,044	383,231	381,246
Monthly.....	33	26	37	543,247	156,892	336,120
Quarterly.....	6	5	3	13,550	6,125	2,525
All other classes.....	9	5	2	20,145	8,650	4,200

¹ Includes 1 triweekly.

The number of publications in the state decreased by 28 during the decade 1904–1914 but increased by 2 from 1909 to 1914. The increase in circulation was confined to the latter half of the decade. Monthlies had the widest circulation in 1914 and show the most pronounced gain (246.3 per cent) since 1909. Quarterlies increased by only 1 during the same period but more than doubled in circulation. In 1914, 13 of the 46 dailies, with an aggregate circulation of 88,469, were issued as morning papers, 5 less than in 1909.

Of the 350 publications reported in 1914, 39 were printed in foreign languages. These included 1 daily and 1 Sunday paper, both of which were in German; 30 weeklies, of which 10 were in German, 9 in Italian, 4 in Hungarian, 3 in Dutch, 2 in Slavonian, and 1 each in Polish and Ukranian; 1 monthly each in German, Ukranian, and Yiddish; and 3 semi-monthlies in German, and 1 in Slovak. These publications reported an aggregate circulation per issue of 96,532, or 6.4 per cent of the total for the state.

Shipbuilding, including boat building.—This industry includes the building of steel and wooden vessels as well as small craft and the repair of such vessels.

The number and tonnage of all vessels launched in 1914, 1909, and 1904 are shown, by classes, in the following table:

Table 33

	1914		1909		1904	
	Number.	Gross tonnage.	Number.	Gross tonnage.	Number.	Gross tonnage.
Vessels, 5 gross tons and over launched during the year ..	65	57,866	90	53,261	92	42,001
Steel.....	10	45,250	24	42,640	17	23,450
Steam.....	6	41,182	9	27,289	13	21,088
Unrigged.....	4	4,074	15	15,609	4	2,362
Wooden.....	55	12,610	66	10,312	75	18,611
Steam.....			1	116	12	477
Motor.....	22	1,419	23	348	6	41
Sail.....	2	40	12	251	26	880
Unrigged.....	31	11,151	30	9,598	31	17,243
Power boats, less than 5 gross tons.....	477	.....	338	.....	237	.....

The total number of vessels of 5 gross tons and over launched decreased by 25 from 1909 to 1914, but there was an increase of 8.6 per cent in the tonnage of such vessels. During the decade the gross tonnage of the steel vessels launched increased by 93 per cent, while that of wooden vessels decreased by 32.4 per cent. All types of wooden craft, except motor boats, show a decreased tonnage during the decade 1904–1914.

Of the 477 power boats of less than 5 gross tons register reported in 1914, all were equipped with gasoline power, while of the 338 such craft reported for 1909, 319 were gasoline, 11 electric, and 8 operated by other power. In 1904, 207 of the 237 reported were gasoline, 29 electric, and 1 operated by other power.

In addition to the vessels shown in the table, the industry includes the construction of sailboats, row-

boats, canoes, scows, etc., of less than 5 gross tons register; these, together with the small power boats mentioned, represented a total value of \$478,957 in 1914, \$394,718 in 1909, and \$279,947 in 1904.

Fertilizers.—The quantity and value of the principal kinds of fertilizers made in 1914 and 1909 are shown in the following table:

	1914	1909
Products, total value.....	\$11,197,690	\$7,671,859
Fertilizers:		
Tons (2,000 lbs.).....	1,464,378	343,703
Value.....	\$9,995,521	\$6,508,830
Complete and ammoniated fertilizers—		
Tons.....	345,147	254,316
Value.....	\$8,506,569	\$5,546,191
Superphosphates and concentrated phosphates—		
Tons.....	82,471	72,323
Value.....	\$938,800	\$961,124
Other fertilizers—		
Tons.....	36,760	17,064
Value.....	\$550,062	\$209,515
All other products, value.....	\$1,202,169	\$1,165,029

¹In addition, there were produced 11,928 tons of fertilizers, valued at \$300,928, by establishments engaged primarily in other lines of manufacture.

Establishments engaged primarily in the manufacture of fertilizers in 1914 reported an increased production of 35.1 per cent over that of 1909. Complete and ammoniated fertilizers constituted the largest class in each year, representing 74.3 per cent in 1914 and 74 per cent in 1909.

In addition to that shown in the table, 11,928 tons of fertilizers, valued at \$300,928, were produced in 1914 as subsidiary products in other industries. This makes a total production from all sources in 1914 of 476,306 tons, valued at \$10,296,449.

The principal materials used in 1914 were 118,382 tons of phosphate rock, 98,311 tons of ammoniates, 13,794 tons of kainit, 47,839 tons of pyrites, 46,830 tons of potash salts, and 39,641 tons of purchased sulphuric acid.

Besides the products shown in the table, 180,107 tons of acid phosphate and 88,041 tons of sulphuric acid were manufactured in 1914 by the establishments reporting and consumed by them in further processes of manufacture.

New Jersey ranked fifth among the states in this industry in 1914 and in 1909.

Laundries.—Statistics for power laundries are not included in the general tables or in the totals for all manufacturing industries. Table 35, however, summarizes these statistics for New Jersey for 1914 and 1909.

	POWER LAUNDRIES.		
	Number or amount.		Per cent of increase, 1909-1914.
	1914	1909	
Number of establishments.....	142	112	26.8
Persons engaged in the industry.....	4,024	3,534	20.7
Proprietors and firm members.....	124	101	22.8
Salaried employees.....	258	249	3.6
Wage earners (average number).....	3,642	2,884	22.1
Primary horsepower.....	5,103	3,917	30.3
Capital.....	\$2,876,920	\$2,137,243	34.6
Salaries and wages.....	1,938,376	1,395,335	38.9
Salaries.....	239,018	209,409	38.3
Wages.....	1,648,758	1,185,926	39.0
Paid for contract work.....	99,793	1,040	—
Rent and taxes.....	71,361	—	39.8
Cost of materials.....	655,556	430,861	49.0
Amount received for work done.....	3,560,730	2,779,277	29.2

New Jersey held thirteenth place among the states in 1914 in amount received for work done and eleventh in number of persons engaged in the industry. From 1909 to 1914 the cost of materials and the amount paid in salaries and wages increased in higher proportion than the amount received for work done, the percentages of increase for the three items being 49, 38.9, and 29.2, respectively. Establishments owned by individuals reported 21.7 per cent of the amount received for work done; those owned by corporations, 64.1 per cent; and those under other forms of ownership, 14.2 per cent.

Table 36 shows, for 1914 and 1909, the number of wage earners employed in the laundries on the 15th of each month, or the nearest representative day, and the percentage which this number represents of the greatest number employed in any month of the same year.

MONTH.	WAGE EARNERS.			
	Number. ¹		Per cent of maximum.	
	1914	1909	1914	1909
January.....	3,467	2,800	86.7	85.5
February.....	3,479	2,821	87.0	86.1
March.....	3,492	2,841	87.3	86.7
April.....	3,521	2,838	88.1	86.6
May.....	3,595	2,881	89.9	87.9
June.....	3,729	3,054	93.3	93.2
July.....	3,923	3,194	98.1	97.5
August.....	3,998	3,276	100.0	100.0
September.....	3,849	3,145	96.3	96.0
October.....	3,609	2,994	90.3	91.4
November.....	3,524	2,967	88.1	90.6
December.....	3,510	2,997	87.8	91.5

¹The figures for 1914 and 1909 represent the number employed on the 15th of each month, or the nearest representative day.

Table 37 gives statistics as to kinds and amounts of power used in the laundries of the state in 1914 and 1909, together with the percentages of increase for the five-year period.

KIND.	NUMBER OF ENGINES OR MOTORS.		HORSEPOWER.		
	1914	1909	Amount.		Per cent of increase, 1909-1914.
			1914	1909	
Primary power, total.....	173	119	5,103	3,917	30.3
Owned.....	135	105	4,845	3,828	26.0
Steam engines and turbines.....	129	102	4,796	3,794	26.4
Internal-combustion engines.....	5	2	44	20	51.7
Water wheels, turbines, and motors.....	1	1	5	5	.....
Rented.....	38	14	258	89	189.9
Electric.....	38	14	203	63	222.2
Other.....	.....	.....	55	26	111.5
Electric.....	135	90	831	653	27.3
Rented.....	38	14	203	63	222.2
Generated by establishments reporting.....	97	76	628	590	6.4

Table 38 shows the kinds and quantities of the fuel used in the laundries, as reported at the censuses of 1914 and 1909, with the percentages of increase.

KIND.	Unit.	QUANTITY.		Per cent of increase, ¹ 1909-1914.
		1914	1909	
Anthracite coal.....	Tons, 2,240 lbs.....	34,389	25,969	32.4
Bituminous coal.....	Tons, 2,000 lbs.....	8,251	4,873	69.3
Oil.....	Barrels.....	165	1,921	-91.4
Gas.....	1,000 cubic feet.....	10,410	15,974	-34.8

¹A minus sign (—) denotes decrease.

GENERAL TABLES.

Table 39 gives, for 1914, 1909, and 1904, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products, for selected industries in the state and in the cities having 50,000 inhabitants or more, and for cities having from 10,000 to 50,000 inhabitants; similar data for all industries combined.

Table 40 presents, for 1914, in the state as a whole and in cities with 50,000 inhabitants or more, statistics in detail for each industry that can be shown without the disclosure of the operations of individual establishments, and for the cities having from 10,000 to 50,000 inhabitants, with the exception of West Orange, similar data for all industries combined.

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904.

INDUSTRY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Expressed in thousands.			INDUSTRY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (aver-age num-ber).	Pri-mary horse-power.	Expressed in thousands.		
					Wages.	Cost of mate-rials.	Value of prod-ucts.						Wages.	Cost of mate-rials.	Value of prod-ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.															
All industries.....	1914	9,742	373,605	793,063	\$211,136	\$883,465	\$1,400,633	Chemicals.....	1914	64	0,276	18,563	\$4,124	\$17,054	\$31,087
	1909	8,817	326,223	612,293	169,710	720,033	1,145,520		1909	50	5,046	13,880	2,895	12,257	22,824
	1904	7,010	266,336	436,274	128,169	470,449	774,309		1904	47	3,507	9,082	1,833	6,630	13,024
Agricultural implements.	1914	9	270	518	178	445	931	Chocolate and cocoa prod-ucts.	1914	6	322	1,342	148	1,570	2,162
	1909	10	224	724	112	327	755		1909	4	290	600	117	1,427	1,843
	1904	10	204	403	90	118	302	Clothing, men's, includ-ing shirts.	1914	152	8,217	1,537	3,126	5,229	11,547
Artificial stone products..	1914	83	349	703	213	295	722		1909	150	6,994	1,351	2,035	5,078	9,865
	1909	97	488	436	250	294	850		1904	126	5,664	923	2,127	3,417	7,428
	1904	8	51	35	33	31	94	Clothing, women's.....	1914	183	5,423	1,300	2,004	2,952	6,768
Artists' materials.....	1914	7	214	1,437	139	1,093	1,499		1909	99	4,216	959	1,355	2,855	5,027
	1909	6	188	572	88	580	874		1904	70	3,900	621	1,045	2,174	4,219
	1904	3	59	.....	24	137	219	Coffee and spice, roasting and grinding.	1914	17	106	534	63	3,225	3,451
Automobiles, including bodies and parts.	1914	53	2,520	3,177	1,832	3,766	8,297		1909	16	84	1,435	46	2,384	2,640
	1909	24	1,024	1,811	615	802	2,008		1904	12	35	.....	18	417	558
Boots and shoes, includ-ing cut stock and find-ings.	1914	58	4,080	2,067	2,044	7,350	11,204	Coffins, burial cases, and undertakers' goods.	1914	7	184	269	119	250	487
	1909	53	4,232	1,500	1,923	4,727	8,042		1909	7	212	422	122	265	521
	1904	65	4,524	1,598	1,865	4,197	7,588		1904	3	218	328	112	226	453
Boxes, fancy and paper...	1914	51	2,176	1,635	804	1,192	2,659	Confectionery.....	1914	75	1,583	1,811	579	3,052	4,860
	1909	46	2,142	1,224	704	1,186	2,675		1909	71	1,283	1,181	456	2,433	4,116
	1904	36	1,334	590	397	553	1,318		1904	38	774	444	273	988	2,043
Brass and bronze products	1914	61	1,230	5,798	760	3,175	4,686	Cooperage and wooden goods, not elsewhere specified.	1914	48	017	1,561	611	2,748	3,849
	1909	66	1,265	4,431	719	3,355	5,131		1909	43	1,040	1,013	522	2,328	3,230
	1904	51	1,082	2,682	570	2,354	3,754		1904	35	304	458	176	427	801
Bread and other bakery products.	1914	1,278	5,712	4,599	3,958	12,958	22,310	Copper, tin and sheet-iron products.	1914	198	5,233	4,380	2,880	6,846	12,500
	1909	1,217	4,936	2,184	3,309	12,195	20,086		1909	175	5,002	3,579	2,780	6,172	11,114
	1904	1,000	3,848	1,127	2,312	8,204	13,502		1904	121	4,080	2,771	1,031	2,898	6,267
Brick, tile, pottery, and other clay products.	1914	140	13,011	22,827	7,597	4,574	16,693	Cordage and twine and jute and linen goods.	1914	14	3,151	9,076	1,163	5,530	7,657
	1909	164	13,220	23,236	7,286	4,395	17,212		1909	12	3,025	6,442	954	3,896	5,527
	1904	153	11,434	19,434	6,506	3,293	13,547		1904	6	2,535	4,310	858	2,060	3,371
Brushes.....	1914	22	822	1,024	411	888	1,814	Cork, cutting.....	1914	6	570	2,011	310	1,101	1,504
	1909	25	854	682	336	710	1,594		1909	10	418	855	180	410	791
	1904	6	1,773	1,912	850	1,077	2,509		1904	6	206	320	71	101	330
Buttons.....	1914	60	2,261	1,232	913	1,183	2,750	Corsets.....	1914	13	2,592	987	1,008	2,307	4,737
	1909	46	1,369	729	560	634	1,592		1909	11	1,845	430	628	1,305	3,336
	1904	46	1,369	729	560	634	1,592		1904	10	1,459	404	438	682	2,093
Canning and preserving..	1914	96	3,154	3,783	1,252	8,035	13,765	Cotton goods, including cotton small wares.	1914	30	7,394	20,987	3,287	10,116	16,782
	1909	84	1,818	2,098	546	2,208	3,664		1909	28	6,638	17,288	2,577	8,565	13,729
	1904	76	1,700	2,076	399	1,701	2,693		1904	17	5,362	15,515	2,022	5,143	8,579
Carpets and rugs, other than rug.	1914	4	872	1,095	440	1,365	2,225	Cutlery and tools, not elsewhere specified.	1914	70	2,693	3,636	1,366	1,406	4,282
	1909	9	884	970	375	898	1,945		1909	70	2,208	2,540	1,009	849	2,735
	1904	8	1,153	1,268	418	979	1,749		1904	57	1,667	2,080	847	861	2,371
Carriages and wagons and materials.	1914	264	1,168	1,532	816	1,008	2,567	Dyeing and finishing textiles.	1914	98	11,683	22,876	5,926	13,706	27,987
	1909	256	1,601	1,645	1,019	1,280	3,250		1909	67	10,129	19,989	5,016	6,353	15,796
	1904	213	1,986	1,631	1,116	1,349	3,460		1904	57	7,597	12,835	3,466	5,052	11,980
Cars and general shop construction and repairs by electric-railroad com-panies.	1914	17	1,228	3,853	809	749	1,614	Dyestuffs and extracts...	1914	18	343	1,625	216	3,044	4,969
	1909	15	826	2,276	471	614	1,158		1909	13	279	1,066	179	1,969	3,130
	1904	4	350	445	225	470	747		1904	14	250	1,018	138	1,500	2,176
Cars and general shop construction and repairs by steam-railroad com-panies.	1914	30	6,835	11,203	4,910	4,552	10,345	Electrical machinery, ap-paratus, and supplies.	1914	76	14,405	22,860	7,867	20,549	40,741
	1909	23	6,004	7,640	4,175	4,634	9,819		1909	69	11,099	11,323	5,615	14,428	28,365
	1904	21	5,556	6,033	3,220	3,234	6,899		1904	42	6,268	6,547	2,894	6,873	13,363
Cement.....	1914	4	1,012	16,935	618	2,502	4,309	Fancy articles, not else-where specified.	1914	58	1,122	803	588	777	2,052
	1909	3	1,445	10,393	845	2,053	3,725		1909	31	1,112	730	455	823	1,841
	1904	6	1,436	12,255	607	1,893	2,925		1904	21	1,183	693	506	863	2,205

¹ Excludes statistics for one establishment, to avoid disclosure of individual operations.
² Includes "canning and preserving, fish;" "canning and preserving, fruits and vegetables;" and "pickles, preserves, and sauces."
³ Excludes statistics for two establishments, to avoid disclosure of individual operations.
⁴ Includes "stamped and enameled ware, not elsewhere specified" and "tinware, not elsewhere specified."
⁵ Includes "nets and seines."
⁶ Excludes statistics for three establishments, to avoid disclosure of individual operations.
⁷ Includes "cotton linc."
⁸ Includes "combs and hairpins, not made from metal or rubber" and "ivory, shell, and bone work."

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.			INDUSTRY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
Fertilizers.....	1914 1909 1904	23 22 25	1,530 1,208 1,139	5,829 2,459 3,665	\$814 541 637	\$7,687 5,685 3,928	\$11,198 7,672 5,652	Lumber and timber products.	1914 1909 1904	382 416 242	4,892 4,857 3,592	17,455 16,700 10,406	\$2,867 2,631 1,850	\$7,390 8,010 4,491	\$12,483 13,511 7,008
Flavoring extracts.....	1914 1909 1904	19 11 0	137 49 47	219 69	59 24 19	592 141 86	828 268 166	Marble and stone work..	1914 1909 1904	132 131 64	1,080 1,479 1,073	2,767 2,756 1,714	1,010 1,329 810	1,175 1,378 865	2,847 3,001 2,410
Flour-mill and gristmill products.	1914 1909 1904	196 238 182	341 453 454	8,870 10,763 9,612	188 225 211	3,590 4,581 4,522	4,320 5,538 5,469	Mattresses and spring beds.	1914 1909 1904	25 23 22	181 496 242	215 288 152	95 236 116	432 808 445	691 1,323 728
Food preparations, not elsewhere specified.	1914 1909 1904	63 47 27	812 838 701	2,300 1,721	426 389 279	7,335 2,952 1,657	9,479 5,380 3,163	Millinery and lace goods..	1914 1909 1904	276 179 55	5,673 4,120 1,345	1,700 1,800 417	2,559 1,688 490	3,014 3,185 873	10,486 6,395 1,932
Foundry and machine-shop products.	1914 1909 1904	1,908 591 502	31,057 27,815 26,038	59,968 41,191 31,012	20,311 16,922 14,765	32,575 20,940 20,810	74,127 65,398 50,553	Mineral and soda waters..	1914 1909 1904	189 174 126	667 608 507	938 870	430 368 285	965 785 400	2,053 1,836 1,258
Furnishing goods, men's..	1914 1909 1904	28 21 8	4,144 2,458 2,115	1,448 973	1,528 774 489	3,889 2,732 1,585	6,793 4,131 2,703	Minerals and earths, ground.	1914 1909 1904	14 12 10	292 212 172	3,245 1,835	171 122 81	560 415 267	1,049 785 468
Gas and electric fixtures and lamps and reflectors.	1914 1909 1904	32 28 21	2,206 1,884 1,241	1,804 1,124 700	1,008 824 525	3,526 3,350 2,027	5,476 5,771 3,509	Mirrors, framed and unframed.	1914 1909 1904	6 0 3	147 158 141	121 153	80 85 62	316 284 193	508 451 348
Gas, illuminating and heating.	1914 1909 1904	43 47 38	2,205 1,917 1,367	10,897 6,717 2,835	761 853 728	4,075 2,855 1,524	14,020 9,837 6,372	Models and patterns, not including paper patterns.	1914 1909 1904	40 36 28	313 251 139	421 341	258 228 98	112 62 44	562 445 223
Glass.....	1914 1909 1904	19 23 22	5,784 5,651 5,507	2,897 3,081 2,661	3,770 3,340 3,145	2,531 1,909 1,856	7,598 6,961 6,460	Musical instruments and materials, not specified.	1914 1909 1904	7 7 7	242 385 465	244 335 348	112 181 251	128 208 318	354 635 883
Glass cutting, staining, and ornamenting.	1914 1909 1904	41 42 28	672 556 390	339 244	343 269 167	649 313 182	1,601 883 478	Musical instruments, pianos and organs and materials.	1914 1909 1904	24 18 14	1,960 1,393 1,110	2,102 1,121 1,400	1,096 721 560	1,738 1,076 667	3,503 2,220 1,477
Gold and silver, reducing and refining, not from the ore.	1914 1909 1904	14 8 11	179 112 102	729 408 286	147 86 72	9,001 3,911 4,835	10,078 4,436 5,282	Needles, pins, and hooks and eyes.	1914 1909	7 7	515 557	329 524	215 230	201 184	567 620
Grease and tallow, not including lubricating greases.	1914 1909 1904	38 44 33	218 199 100	631 542	129 118 46	821 832 185	1,185 1,148 317	Oilcloth and linoleum....	1914 1909 1904	10 10 10	2,190 2,123 1,464	8,223 7,810 4,940	1,287 1,187 1,701	7,660 6,638 3,666	11,384 10,143 5,444
Hat and cap materials....	1914 1909 1904	13 14 18	860 433 520	704 877	148 149 189	798 915 894	1,148 1,385 1,413	Paint and varnish.....	1914 1909 1904	60 63 42	1,737 1,493 900	7,505 5,924 2,729	1,071 844 527	9,041 8,220 4,013	16,087 12,767 6,967
Hats and caps, other than felt, straw, and wool.	1914 1909 1904	17 7 6	246 170 269	82 51	172 86 142	287 365 417	608 365 173	Paper and wood pulp.....	1914 1909 1904	33 37 38	2,927 2,223 1,629	29,695 22,996 17,330	1,709 1,181 787	7,181 4,769 3,022	10,931 7,554 5,643
Hats, fur-felt.....	1914 1909 1904	41 58 63	4,401 4,657 5,705	4,722 5,046 5,016	2,603 2,969 3,276	3,708 4,112 4,227	7,969 8,825 9,540	Patent medicines and compounds and druggists' preparations.	1914 1909 1904	129 111 78	1,271 1,005 931	2,223 1,478 1,209	616 432 330	3,147 2,089 1,315	7,673 5,410 3,710
Hosiery and knit goods...	1914 1909 1904	62 37 28	4,025 2,606 1,758	2,510 1,477 1,077	2,244 903 530	3,335 1,820 1,982	7,850 3,810 2,549	Printing and publishing..	1914 1909 1904	732 684 588	5,433 5,451 4,367	7,124 5,636 4,171	4,036 3,624 2,470	4,251 3,472 2,285	14,083 12,333 8,627
Ice, manufactured.....	1914 1909 1904	71 59 30	621 456 268	13,658 10,121 0,677	434 317 159	527 380 172	1,556 1,407 648	Roofing materials.....	1914 1909 1904	15 13 21	392 293 548	1,120 898	243 147 293	1,146 1,138 1,572	2,173 2,285 2,499
Iron and steel, steel works and rolling mills.	1914 1909 1904	15 16 10	4,639 4,671 8,334	30,071 26,699 31,626	2,069 2,823 4,088	5,185 6,035 12,390	10,420 12,014 20,066	Rubber goods, not elsewhere specified.	1914 1909 1904	53 36 24	6,316 4,255 1,728	22,214 12,906 5,909	3,681 2,300 840	15,172 13,032 2,959	25,458 19,543 4,836
Jewelry.....	1914 1909 1904	175 150 113	3,408 4,008 2,988	1,915 1,231 960	2,221 2,537 1,839	5,525 6,264 4,647	11,347 13,272 9,304	Scales and balances.....	1914 1909 1904	11 11 9	244 170 111	241 144	158 90 63	142 99 60	573 430 267
Leather goods.....	1914 1909 1904	49 99 75	1,099 1,813 1,978	1,423 990 828	950 920 896	2,152 2,140 2,130	4,183 4,005 4,212	Shoebuilding, including boat building.	1914 1909 1904	85 97 78	6,324 4,899 4,863	11,944 9,911 7,761	4,657 3,300 3,033	5,636 4,249 3,462	11,861 8,841 7,735
Leather, tanned, curried, and finished.	1914 1909 1904	84 85 73	5,108 5,560 4,963	12,306 9,243 7,495	3,260 3,473 2,793	22,081 28,431 15,272	31,652 28,431 21,495	Signs and advertising novelties.	1914 1909	25 17	841 1,044	582 583	534 574	711 608	2,147 2,090
Liquors, malt.....	1914 1909 1904	20 33 37	2,588 2,125 1,958	17,036 14,082 10,795	2,398 1,836 1,681	5,585 4,881 3,861	20,482 20,184 17,446	Silk goods, including throwsters.	1914 1909 1904	308 348 239	28,263 30,285 25,481	21,218 22,376 16,903	14,800 13,017 9,803	40,883 33,205 22,339	75,706 65,430 42,836
								Slaughtering and meat packing.	1914 1909 1904	100 84 48	2,197 1,817 745	7,079 3,610 949	1,580 1,286 488	36,320 33,740 16,071	40,108 37,583 17,754

¹ Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water motors;" "hardware;" "hardware, saddlery;" "iron and steel, cast-iron pipe;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."
² Excludes statistics for two establishments, to avoid disclosure of individual operations.
³ Includes "suspenders, garters, and elastic woven goods."
⁴ Includes "saddlery and harness" and "trunks and valises."
⁵ Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens and weather strips."
⁶ Excludes statistics for one establishment, to avoid disclosure of individual operations.
⁷ Excludes statistics for three establishments, to avoid disclosure of individual operations.
⁸ Includes "perfumery and cosmetics."
⁹ Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithography."
¹⁰ Includes "sausage, not made in slaughtering and meat-packing establishments."

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.			INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.		
					Wages.	Cost of ma- te-ri- als.	Value of prod- ucts.						Wages.	Cost of ma- te-ri- als.	Value of prod- ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
Smelting and refining, cop- per.	1914 1909 1904	4 4 5	3,344 2,322 1,243	42,735 22,320 6,295	\$2,247 1,335 645	\$153,863 118,936 58,812	\$159,199 125,651 62,799	Wall paper, not made in paper mills.	1914 1909 1904	9 8 4	993 782 615	1,039 1,442 590	\$594 369 299	\$1,759 1,500 1,032	\$3,424 2,872 2,094
Soap	1914 1909 1904	16 21 14	2,057 1,599 619	4,276 2,761 625	1,200 796 287	10,760 7,084 2,043	*16,692 13,674 4,018	Wall plaster	1914 1909 1904	7 5 3	206 178 46	1,410 977 200	137 169 20	411 532 109	763 613 204
Sulphuric, nitric, and mixed acids.	1914 1909	6 6	960 434	3,409 1,575	697 281	2,160 1,092	5,071 2,128	Window shades and fix- tures.	1914 1909 1904	19 14 7	441 615 381	388 440	249 282 207	626 578 707	1,096 1,155 1,262
Tobacco manufactures...	1914 1909 1904	304 402 554	15,830 9,496 6,508	4,005 3,302 1,707	5,393 3,156 2,041	17,404 10,790 3,808	39,600 24,177 10,938	Wirework, including wire rope and cable, not else- where specified.	1914 1909 1904	29 25 25	1,045 1,126 1,141	1,633 1,066	605 627 639	1,511 1,568 1,130	2,464 2,745 2,261
Toys and games	1914 1909 1904	13 15 12	440 142 148	121 70	164 57 44	227 94 74	641 226 201	Woolen, worsted, and felt goods, and wool hats.	1914 1909 1904	32 33 35	14,464 12,652 8,933	25,124 20,254 14,008	6,385 4,864 2,951	23,055 21,033 10,628	36,269 33,939 16,394
Typewriters and supplies.	1914 1909 1904	8 8 3	428 272 132	803 512 228	269 202 30	511 278 125	1,236 740 315	All other industries.....	1914 1909 1904	1,086 917 837	64,172 62,468 45,397	170,908 140,611	30,877 28,728 24,024	238,970 205,884 163,012	344,676 284,856 229,683
Upholstering materials...	1914 1909 1904	0 12 10	313 296 318	1,278 915	167 138 127	1,214 1,088 850	1,811 1,046 1,239								

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.

ATLANTIC CITY—All industries.....	1914 1909 1904	107 95 62	918 780 381	2,521 1,768	\$614 527 223	\$1,412 1,161 805	\$2,971 2,340 975	CAMDEN—All indus- tries.	1914 1909 1904	345 365 298	22,541 16,527 12,661	39,670 29,056	\$12,978 8,607 6,098	\$36,094 27,384 20,423	\$71,824 49,138 33,587
Bread and other bakery products.	1914 1909 1904	23 27	117 118	100 60	66 81	267 286	410 468	Boots and shoes, includ- ing cut stock and find- ings.	1914 1909 1904	12 10 15	472 422 474	208 99	236 215 193	589 497 417	970 845 769
Copper, tin, and sheet- iron work.	1914 1909	6 4	19 47	.....	12 30	18 38	35 80	Bread and other bakery products.....	1914 1909 1904	53 60 57	254 272 136	172 94	153 154 70	555 453 274	376 762 448
Foundry and machine- shop products.	1914 1909	11 6	53 40	80 55	37 32	36 16	105 69	Confectionery.....	1914 1909	11 8	335 198	338 171	105 55	380 250	691 404
Ice, manufactured.....	1914 1909	4 4	60 54	905 585	34 40	45 44	140 140	Copper, tin, and sheet- iron products.	1914 1909	6 10	139 72	137 21	88 48	108 96	278 189
Printing and publishing..	1914 1909	22 23	139 90	130 68	91 53	107 54	302 232	Foundry and machine- shop products.	1914 1909 1904	21 25 7	1,168 1,520 1,115	1,522 1,408	678 910 614	1,418 2,407 1,086	2,598 3,948 2,080
Shipbuilding, wooden, in- cluding boat building.	1914 1909	4 4	11 9	15 15	11 13	18 21	28 21	Leather, tanned, curried, and finished.	1914 1909 1904	5 7 4	1,354 1,111 740	3,970 1,320	755 612 342	5,305 4,270 5,695	7,733 5,920 6,365
Tobacco, cigars.....	1914 1909	3 5	2 2	.....	1 2	2 2	6 7	Lumber, planing-mill products.	1914 1909 1904	7 4 3	174 123 172	692 411	101 79 92	265 236 548	428 362 734
All other industries.....	1914 1909	34 22	517 426	1,252 976	362 276	919 717	1,933 1,317	Mineral and soda waters..	1914 1909	9 12	43 36	54 28	26 20	55 66	128 158
BAYONNE—All in- dustries.	1914 1909 1904	121 97 58	10,150 7,519 7,057	33,323 28,094	6,774 4,775 4,277	77,709 58,932 46,984	98,234 73,641 60,634	Printing and publishing..	1914 1909 1904	30 35 33	198 191 128	246 139	132 105 70	121 90 60	399 350 265
Bread and other bakery products.	1914 1909 1904	19 17 13	91 75 73	70 29	75 58 41	240 207 156	371 340 238	Soap.....	1914 1909 1904	4 5 4	207 188 65	319 270	102 79 81	762 723 189	1,310 1,205 395
Foundry and machine- shop products.	1914 1909 1904	7 7 4	690 916 1,566	3,466 1,722	490 636 1,012	1,545 1,042 1,919	3,201 4,155 4,371	Woolen, worsted, and felt goods, and wool hats.	1914 1909 1904	4 4 5	1,084 1,149 982	3,015 2,900	335 355 261	1,989 2,704 1,855	2,709 3,608 2,528
Printing and publishing..	1914 1909	11 5	28 20	57 20	25 12	18 11	75 37	All other industries.....	1914 1909 1904	163 185 169	17,113 11,231 8,840	28,997 22,195	10,267 5,975 4,419	24,647 15,592 10,299	53,704 31,327 20,013

1 Figures do not agree with those published because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.
 2 Includes "automobile repairing."
 3 Includes "structural ironwork, not made in steel works or rolling mills."
 4 Excludes statistics for one establishment, to avoid disclosure of individual operations.
 5 Includes "stamped and enameled ware, not elsewhere specified."
 6 Includes "automobile repairing," "gas machines and gas and water meters;" "iron and steel, cast-iron pipe;" "plumbers' supplies, not elsewhere specified;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."
 7 Excludes statistics for two establishments, to avoid disclosure of individual operations.
 8 Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithographing."

MANUFACTURES.

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earn- ers (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
ELIZABETH—All in- dustries.	1914	184	12,870	25,520	\$8,198	\$16,307	\$31,228	JERSEY CITY—Con- Carriages and wagons and materials.	1914	22	125	183	\$100	\$86	\$254
	1909	163	12,737	20,124	7,513	16,429	20,147		1909	27	114	136	88	88	255
	1904	124	12,335	.....	7,398	15,982	20,301		1904	3	1,088	505	774	615	1,560
Bread and other bakery products.	1914	39	118	92	94	318	504	Cars and general shop construction and re- pairs by steam-railroad companies.	1914	4	1,818	927	1,044	1,273	2,539
	1909	31	111	38	69	182	347		1909	4	2,337	.....	1,280	1,160	2,593
	1904	27	87	.....	56	196	310	Chemicals.....	1914	5	334	1,491	244	1,464	2,340
Chemicals.....	1914	8	191	903	140	368	748		1909	5	195	657	125	1,067	1,626
	1909	5	93	286	53	144	307		1904	6	132	.....	87	740	1,059
Foundry and machin- shop products.	1914	124	876	1,755	630	803	2,030	Confectionery.....	1914	5	435	557	184	1,058	1,410
	1909	13	910	1,671	604	996	2,174		1909	7	328	493	146	839	1,151
	1904	15	2,394	.....	1,561	1,436	3,887		1904	4	58	.....	19	97	169
Oil, not elsewhere spec- ified.	1914	6	117	461	98	2,106	3,100	Cooperage and wooden goods, not elsewhere specified.	1914	6	213	305	131	444	710
	1909	5	43	425	29	797	1,005		1909	6	202	205	99	351	547
	1904	3	70	.....	52	2,102	2,888	Copper, tin, and sheet- iron work.	1914	23	520	504	336	606	1,475
Printing and publishing..	1914	14	388	931	376	855	1,063		1909	28	840	478	241	732	1,284
	1909	9	479	661	406	166	867		1904	27	233	.....	140	205	510
	1904	11	103	.....	59	38	172	Dyeing and finishing tex- tiles.	1914	8	100	183	49	238	330
All other industries.....	1914	93	11,180	21,378	6,860	12,357	23,783		1909	7	48	69	27	27	100
	1909	95	11,095	17,143	6,347	14,144	24,744	Electrical machinery, ap- paratus, and supplies.	1914	10	895	873	490	1,406	2,557
	1904	68	9,681	.....	5,670	13,210	22,544		1909	10	585	522	203	596	1,253
HOBOKEN—All in- dustries.	1914	258	9,290	14,429	5,668	10,706	23,461		1904	4	424	.....	154	380	603
	1909	241	7,883	10,613	4,449	8,966	19,016	Foundry and machin- shop products.	1914	85	1,564	2,768	1,104	2,153	4,650
	1904	279	7,227	.....	3,673	6,580	14,077		1909	49	1,700	2,830	1,236	596	4,700
Bread and other bakery products.	1914	36	432	645	340	787	1,804		1904	37	1,899	.....	1,221	1,599	3,858
	1909	36	421	255	321	873	1,410	Furniture and refrigera- tors.	1914	9	517	632	263	560	1,207
	1904	43	314	.....	201	618	1,011		1909	8	430	721	214	625	999
Carriages and wagons and repairs.	1914	6	19	21	12	16	45	Hostery and knit goods...	1914	13	313	154	213	223	632
	1909	5	27	28	13	22	57		1909	5	108	48	65	233	378
Foundry and machin- shop products.	1914	24	873	1,353	690	743	2,172	Lumber and timber prod- ucts.	1914	16	903	1,508	475	1,032	1,828
	1909	23	855	1,101	553	582	1,808		1909	20	586	1,053	329	836	1,619
	1904	22	943	.....	542	737	1,763	Millinery and lace goods..	1914	26	436	151	201	324	765
Furniture.....	1914	6	567	1,507	361	547	1,384		1909	34	625	200	209	504	1,085
	1909	5	616	825	334	557	1,314	Paint and varnish.....	1914	6	136	905	80	650	1,030
	1904	3	309	.....	146	100	544		1909	6	97	410	63	566	882
Lumber and timber prod- ucts.	1914	7	121	257	83	135	264		1904	3	52	.....	34	244	421
	1909	7	128	293	100	227	442	Paper and wood pulp.....	1914	3	141	1,038	88	267	470
	1904	6	67	.....	45	121	201		1909	4	157	1,250	90	242	462
Mineral and soda waters..	1914	5	18	23	13	17	50		1904	4	150	.....	78	202	430
	1909	6	18	16	15	17	64	Patent medicines and compounds and drug- gists' preparations.	1914	15	105	284	75	421	934
Patent medicines and compounds and drug- gists' preparations.	1914	7	14	11	8	53	130		1909	13	76	185	40	141	479
	1909	8	22	11	10	39	95	Printing and publishing..	1914	45	594	848	397	697	1,711
Printing and publishing..	1914	18	189	287	138	205	802		1909	48	406	642	295	457	1,193
	1909	17	234	235	105	180	577	Shipbuilding, wooden, re- pairs only.	1914	4	136	205	108	98	268
	1904	26	198	.....	112	109	487		1909	6	145	269	89	57	208
All other industries.....	1914	149	7,057	10,325	4,023	8,203	17,019	Silk goods, finished prod- ucts.	1914	5	717	1,000	532	1,115	2,375
	1909	134	5,502	8,949	2,923	6,463	13,240		1909	7	1,048	780	550	1,002	2,071
	1904	180	5,420	.....	2,527	4,805	10,071	Slaughtering and meat packing.	1914	6	961	.....	417	759	1,466
JERSEY CITY—All industries.	1914	770	31,021	49,080	17,651	111,782	104,520	Steam packing.....	1914	4	31	78	18	113	263
	1909	745	25,454	35,917	13,216	80,317	128,776		1909	4	43	107	20	105	246
	1904	628	20,353	.....	10,021	48,790	75,741	All other industries.....	1914	315	19,162	29,668	10,136	71,640	107,260
Boxes, fancy and paper...	1914	7	451	620	178	234	551		1909	300	13,897	21,906	6,562	53,662	78,192
	1909	5	557	104	166	238	527		1904	307	11,260	.....	5,129	31,786	45,021
	1904	4	466	.....	127	173	408								
Brass and bronze prod- ucts.	1914	10	322	586	215	1,000	2,101								
	1909	9	340	550	185	1,577	2,180								
	1904	9	300	.....	172	1,201	1,730								
Bread and other bakery products.	1914	109	633	618	456	1,394	2,583								
	1909	113	534	221	387	1,531	2,485								
	1904	113	380	.....	247	927	1,499								

¹ Includes "automobile repairing;" "gas machines and gas and water meters;" and "structural ironwork, not made in steel works or rolling mills."
² Excludes statistics for one establishment, to avoid disclosure of individual operations.
³ Includes "lithography."
⁴ Figures do not agree with those published because it was necessary to revise the totals in order to include data only for those establishments located within the cor-
porate limits of the city and also to exclude one establishment engaged in the moving-picture industry which was not included in the census of 1914.
⁵ Includes "hardware" and "structural ironwork, not made in steel works or rolling mills."
⁶ Includes "boxes, wooden packing" and "lumber, planing-mill products, not including planing mills connected with sawmills."
⁷ Includes "bookbinding and blank-book making."
⁸ Excludes statistics for two establishments, to avoid disclosure of individual operations.
⁹ Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water meters;" "steam fittings and steam and hot-water heating
apparatus;" and "structural ironwork, not made in steel works or rolling mills."
¹⁰ Includes "perfumery and cosmetics."
¹¹ Includes "sausage, not made in slaughtering and meat-packing establishments."

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Expressed in thousands.			INDUSTRY AND CITY.	Census year.	Number of establishments.	Wage earners (average number).	Primary horsepower.	Expressed in thousands.		
					Wages.	Cost of materials.	Value of products.						Wages.	Cost of materials.	Value of products.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
NEWARK—All industries.	1914	2,275	63,084	100,466	\$36,647	\$113,438	\$210,601	NEWARK—Contd.	1914	167	3,344	1,882	\$2,179	\$5,482	\$11,215
	1909	1,857	59,885	78,203	33,071	114,627	201,888	Jewelry.....	1909	145	3,849	1,214	2,511	6,240	13,162
	1904	1,600	60,697	.....	25,622	80,689	150,055		1904	110	2,976	.....	1,833	4,628	9,258
Automobiles, including bodies and parts.	1914	26	738	855	542	924	2,542	Leather goods.....	1914	48	699	400	447	1,059	2,018
	1909	0	482	333	329	300	975		1909	46	687	505	382	859	1,666
	1904	17	1,369	588	805	1,828	3,282		1904	48	760	.....	379	907	1,811
Boots and shoes, including cut stock and findings.	1914	17	1,440	490	704	1,673	2,901	Leather, tanned, curried, and finished.	1914	64	3,086	7,214	2,092	14,310	20,118
	1909	12	1,309	.....	698	1,470	2,732		1909	63	3,794	6,788	2,504	13,416	18,858
	1904	15	1,560	.....	.....	.....	.....		1904	52	3,524	.....	2,108	8,610	13,578
Boxes, fancy and paper.	1914	17	723	331	248	356	802	Liquors, malt.....	1914	13	1,580	11,740	1,445	3,267	12,072
	1909	13	620	301	187	261	648		1909	14	1,229	8,319	1,071	2,799	12,361
	1904	11	384	.....	123	159	342		1904	17	1,154	.....	958	2,337	10,917
Brass and bronze products.	1914	20	132	208	84	225	432	Lumber and timber products.	1914	738	460	1,307	312	753	1,354
	1909	22	241	204	139	321	611		1909	26	731	1,413	346	1,076	1,916
	1904	21	167	.....	95	150	347		1904	27	696	.....	393	693	1,253
Bread and other bakery products.	1914	222	1,284	1,114	923	3,050	5,429	Marble and stone work...	1914	28	225	1,040	216	274	687
	1909	205	1,026	506	738	2,711	4,627		1909	23	271	696	250	322	834
	1904	163	833	.....	560	1,903	3,115		1904	18	379	.....	325	283	888
Buttons.....	1914	20	1,208	1,312	592	767	1,799	Mattresses and spring beds.	1914	6	48	92	28	118	196
	1909	29	1,429	726	590	804	1,804		1909	7	270	113	131	437	664
	1904	27	1,075	.....	445	611	1,282		1904	6	65	.....	35	152	240
Carriages and wagons and materials.	1914	34	235	287	161	178	505	Millinery and lace goods..	1914	8	242	93	94	212	411
	1909	39	324	277	204	214	590		1909	9	241	98	104	201	404
	1904	44	646	.....	369	431	1,144		1904	4	318	.....	94	181	367
Chemicals.....	1914	12	1,502	4,418	856	3,086	6,077	Paint and varnish.....	1914	10	739	2,861	476	4,029	7,761
	1909	9	1,564	4,455	823	2,404	4,805		1909	25	613	2,548	385	4,268	6,733
	1904	9	1,365	.....	630	1,795	3,965		1904	20	479	.....	284	2,522	4,706
Clothing, men's, including shirts.	1914	79	2,037	236	1,032	981	3,051	Paper goods, not elsewhere specified.	1914	7	184	239	82	470	723
	1909	73	1,996	285	998	802	2,473		1909	4	47	45	21	138	184
	1904	48	1,662	.....	710	672	1,850	Patent medicines and compounds and druggists' preparations.	1914	49	225	417	103	699	2,004
Clothing, women's.....	1914	44	1,606	405	622	1,105	2,436		1909	33	138	184	63	372	1,338
	1909	30	2,320	382	767	1,599	3,349		1904	17	100	.....	39	183	959
	1904	20	1,891	.....	488	1,348	2,374	Printing and publishing..	1914	10	1,613	1,645	1,245	1,385	4,698
Confectionery.....	1914	15	490	425	155	1,005	1,745		1909	118	1,668	1,307	1,184	1,247	3,698
	1909	16	381	252	131	837	1,635		1904	81	1,312	.....	743	748	2,752
	1904	11	268	.....	96	387	932	Rubber goods, not elsewhere specified.	1914	7	101	823	108	338	622
Copper, tin, and sheet-iron products.	1914	54	2,375	1,516	1,324	1,733	4,241		1909	4	145	470	75	477	691
	1909	43	2,693	1,257	1,424	1,800	4,166		1904	4	107	.....	49	270	434
	1904	48	2,443	.....	1,067	1,522	3,324	Slaughtering and meat packing.	1914	15	301	1,076	206	4,261	4,832
Corsets.....	1914	10	2,521	948	976	2,242	4,022		1909	13	283	637	183	3,760	4,207
	1909	9	1,804	464	613	1,259	3,203		1904	10	202	.....	126	2,529	2,634
Cutlery and tools, not elsewhere specified.	1914	43	1,067	2,462	981	1,074	3,057	Tobacco manufactures....	1914	97	2,430	183	830	1,518	3,569
	1909	39	1,576	1,616	756	646	2,081		1909	101	1,525	175	559	1,693	2,771
	1904	32	1,280	.....	671	546	1,722		1904	112	1,245	.....	409	651	1,743
Dyestuffs and extracts....	1914	7	230	861	139	1,500	2,657	All other industries.....	1914	521	15,285	36,134	8,789	43,041	65,785
	1909	6	198	571	122	1,292	2,027		1909	420	14,153	27,062	7,396	50,332	69,499
Electrical machinery, apparatus, and supplies.	1914	19	4,302	3,365	2,338	3,105	8,920		1904	408	13,129	.....	6,187	37,633	55,733
	1909	21	2,820	2,508	1,516	1,482	5,617	PASSAIC—All industries.	1914	105	17,142	31,701	8,049	30,940	53,268
	1904	15	1,378	.....	670	845	2,549		1909	167	14,654	23,095	6,101	23,763	40,733
Fancy articles, not elsewhere specified.	1914	47	535	339	282	361	1,033		1904	65	11,000	.....	3,866	13,110	22,783
	1909	14	283	251	137	155	439	Bread and other bakery products.	1914	41	125	61	86	271	441
	1904	11	918	.....	409	552	1,583		1909	41	134	30	92	320	552
Food preparations, not elsewhere specified.	1914	21	122	494	69	362	610		1904	17	63	.....	28	110	176
	1909	10	84	86	32	214	373	Copper, tin, and sheet-iron products.	1914	10	362	531	169	341	796
Foundry and machine-shop products.	1914	308	6,791	10,780	4,499	6,237	15,003		1909	6	237	175	122	240	487
	1909	168	6,667	8,923	4,228	6,661	15,482	Foundry and machine-shop products.	1914	13	887	789	264	593	1,196
	1904	159	5,798	.....	3,124	3,871	10,637		1909	13	291	468	132	318	692
Hats, fur-felt.....	1914	26	2,162	2,210	1,252	1,767	3,901		1904	9	276	.....	145	239	792
	1909	35	2,158	2,553	1,410	2,074	4,433	Millinery and lace goods..	1914	14	365	41	139	582	926
	1904	37	2,583	.....	1,502	2,204	4,586		1909	0	247	58	70	359	575
Hosiery and knit goods...	1914	11	203	67	118	246	492		1909	0	.....	.....	.....	.....	.....
	1909	7	148	21	47	113	224								

1 Figures do not agree with those published, because it was necessary to revise the totals in order to include data only for those establishments located within the corporate limits of the city.

2 Excludes statistics for two establishments, to avoid disclosure of individual operations.

3 Includes "stamped and enameled ware, not elsewhere specified" and "tinware, not elsewhere specified."

4 Includes "combs and hairpins, not made from metal or rubber" and "ivory, shell, and bone work."

5 Includes "automobile repairing;" "engines, steam, gas, and water;" "gas machines and gas and water meters;" "hardware;" "hardware, saddlery;" "iron and steel, cast-iron pipe;" "plumbers' supplies, not elsewhere specified;" "pumps, steam and other power;" "steam fittings and steam and hot-water heating apparatus;" and "structural ironwork, not made in steel works or rolling mills."

6 Includes "saddlery and harness" and "trunks and valises."

7 Includes "boxes, wooden packing;" "lumber, planing-mill products, not including planing mills connected with sawmills;" and "window and door screens and weather strips."

8 Excludes statistics for one establishment, to avoid disclosure of individual operations.

9 Includes "perfumery and cosmetics."

10 Includes "bookbinding and blank-book making;" "engraving, steel and copper plate, including plate printing;" and "lithographing."

11 Includes "sausages, not made in slaughtering and meat-packing establishments."

12 Includes "tinware, not elsewhere specified."

13 Includes "structural ironwork, not made in steel works or rolling mills."

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.			INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Expressed in thousands.		
					Wages.	Cost of mate- rials.	Value of prod- ucts.						Wages.	Cost of mate- rials.	Value of prod- ucts.
CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.															
PASSAIC—Continued.															
Printing and publishing..	1914	120	131	203	\$93	\$71	\$280	PA TERSON—Contd.							
	1909	18	184	232	97	76	289	All other industries.....	1914	133	4,000	12,800	\$2,274	\$8,141	\$13,400
	1904	18	184	232	97	76	289		1909	116	8,942	10,003	1,705	7,013	12,259
All other industries.....	1914	97	15,772	30,022	7,208	29,082	49,031		1904	99	7,239	.....	3,748	0,347	17,711
	1909	83	13,701	22,132	5,588	22,460	38,137	TRENTON—All Indus- tries.	1914	394	10,828	36,219	11,134	20,043	54,822
	1904	69	10,671	.....	3,693	12,701	21,815		1909	340	18,543	29,839	9,726	27,673	49,115
	1904	69	10,671	.....	3,693	12,701	21,815		1904	311	14,130	.....	6,021	17,551	32,360
PATERSON—All In- dustries.	1914	735	30,025	34,017	10,195	40,030	78,420	Bread and other bakery products.	1914	56	363	301	225	807	1,325
	1909	702	31,981	34,989	15,205	34,730	68,263		1909	48	349	221	187	832	1,279
	1904	513	28,500	.....	13,002	27,441	54,673		1904	43	282	.....	144	541	867
Boxes, fancy and paper...	1914	6	174	75	74	171	307	Brick, tile, pottery, and other clay products.	1914	36	4,911	3,210	3,105	1,952	7,011
	1909	8	156	119	60	144	276		1909	34	5,030	3,113	3,143	2,035	6,996
	1904	8	156	119	60	144	276		1904	44	4,712	.....	2,526	1,463	5,996
Bread, and other bakery products.	1914	88	287	184	100	709	1,185	Carrriages, wagons, and repairs.	1914	5	45	41	20	37	80
	1909	86	238	95	155	602	1,011		1909	5	118	85	76	75	184
	1904	73	173	.....	101	419	632	Clothing, men's, including shirts.	1914	8	300	74	109	198	421
Card cutting and design- ing.	1914	7	36	11	21	41	100		1909	6	214	52	57	247	875
	1909	8	32	32	18	21	75		1904	4	56	.....	26	86	158
	1904	8	32	32	18	21	75	Confectionery.....	1914	7	216	163	51	264	449
Carrriages and wagons and repairs.	1914	11	50	59	37	50	120		1909	10	143	96	43	189	374
	1909	8	59	21	32	35	98		1904	3	47	.....	21	71	128
	1904	8	59	21	32	35	98	Copper, tin, and sheet-iron work.	1914	15	52	20	38	57	127
Clothing, men's, includ- ing shirts.	1914	13	2,077	452	927	2,511	4,995		1909	9	47	20	35	96	182
	1909	12	1,850	411	828	2,016	3,445	Foundry and machine- shop products.	1914	43	2,159	3,610	1,439	2,264	4,016
	1904	6	1,102	.....	412	731	1,688		1909	28	1,098	3,327	1,096	1,785	3,838
	1904	6	1,102	.....	412	731	1,688		1904	27	902	.....	546	1,142	2,089
Copper, tin, and sheet- iron work.	1914	8	63	66	48	153	258	Furniture and refrigerators	1914	8	240	326	173	221	517
	1909	7	62	21	38	112	105		1909	4	217	282	131	135	392
	1904	7	62	21	38	112	105		1904	3	160	.....	108	137	344
Cotton goods, including cotton small wares.	1914	7	156	242	72	118	220	Ice, manufactured.....	1914	5	37	1,140	24	38	104
	1909	6	224	365	78	204	380		1909	3	49	1,140	20	38	141
	1904	3	86	.....	18	72	131	Mineral and soda waters...	1914	7	47	35	34	136	216
	1904	3	86	.....	18	72	131		1909	6	15	35	10	32	74
Dyeing and finishing tex- tiles.	1914	38	3,472	4,846	1,001	3,185	7,527	Printing and publishing..	1914	134	344	258	242	182	784
	1909	21	3,050	7,739	1,832	2,750	2,020		1909	35	324	255	223	188	733
	1904	27	3,074	.....	1,697	2,094	5,699		1904	83	236	.....	172	130	505
Foundry and machine- shop products.	1914	53	2,208	3,187	1,213	1,652	3,944	Rubber goods, not else- where specified.	1914	11	1,830	4,150	1,070	5,361	8,068
	1909	47	2,240	1,880	1,178	1,535	3,797		1909	8	930	2,614	501	3,681	4,969
	1904	42	1,773	.....	797	778	2,430		1904	5	340	.....	165	715	1,114
	1904	42	1,773	.....	797	778	2,430	Slaughtering and meat packing.	1914	14	35	112	29	291	398
Lumber and timber prod- ucts.	1914	6	162	407	98	201	460		1909	9	47	104	30	541	636
	1909	8	163	361	90	234	420		1904	4	21	.....	11	60	90
	1904	6	75	.....	41	163	259	All other industries.....	1914	145	9,240	22,779	4,470	18,075	30,697
Mineral and soda waters...	1914	16	50	31	32	40	106		1909	135	9,050	18,495	4,165	17,799	28,937
	1909	17	54	24	31	47	120		1904	145	7,302	.....	3,202	13,206	21,069
	1904	17	54	24	31	47	120		1904	145	7,302	.....	3,202	13,206	21,069
Printing and publishing..	1914	132	304	520	237	221	696								
	1909	42	312	471	183	159	610								
	1904	30	224	.....	128	120	303								
Silk goods, including throwsters.	1914	291	16,092	11,013	8,082	23,225	44,672								
	1909	276	18,823	13,361	8,872	20,503	30,004								
	1904	190	14,624	.....	6,107	13,004	25,433								
Tobacco manufactures....	1914	23	138	28	89	122	301								
	1909	37	159	26	90	172	333								
	1904	37	130	.....	83	113	297								

¹ Includes "bookbinding and blank-book making" and "engraving, steel and copper plate, including plate printing."

² Figures do not agree with those published in 1909 because certain establishments revised their reports for that census.

³ Excludes statistics for two establishments, to avoid disclosure of individual operations.

⁴ Includes "automobile repairing" and "structural ironwork, not made in steel works or rolling mills."

⁵ Includes "lumber, planing-mill products, not including planing mills connected with sawmills."

⁶ Excludes statistics for one establishment, to avoid disclosure of individual operations.

⁷ Excludes statistics for three establishments, to avoid disclosure of individual operations.

⁸ Includes "automobile repairing," "hardware," "plumbers' supplies, not elsewhere specified," and "structural ironwork, not made in steel works or rolling mills."

⁹ Includes "sausages, not made in slaughtering and meat-packing establishments."

TABLE 39.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904—Continued.

INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.	INDUSTRY AND CITY.	Cen- sus year.	Num- ber of estab- lish- ments.	Wage earners (aver- age num- ber).	Pri- mary horse- power.	Wages.	Cost of mate- rials.	Value of prod- ucts.
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.															
ARBURY PARK.....	1914 1909	44 27	312 264	670 392	\$202 175	\$332 204	\$766 602	MONTCLAIR.....	1914 1909 1904	42 23 19	382 252 151	1,132 918 72	\$227 139 72	\$693 699 419	\$1,432 1,026 621
BLOOMFIELD.....	1914 1909	57 45	3,177 2,957	8,353 6,031	1,644 1,301	3,360 2,301	8,358 5,895	MORRISTOWN.....	1914 1909 1904	31 31 20	218 201 307	873 766 700	164 130 171	367 369 290	684 724 704
BRIDGETON.....	1914 1909 1904	83 74 61	2,470 2,387 2,276	2,018 1,163 1,014	1,411 1,997 1,239	2,453 1,997 1,239	4,936 4,070 2,964	NEW BRUNSWICK.....	1914 1909 1904	113 93 71	6,448 5,264 4,560	9,619 6,337 6,337	2,955 2,020 1,792	6,567 4,549 4,158	14,814 10,005 8,917
EAST ORANGE.....	1914 1909 1904	51 42 17	1,049 1,386 854	3,379 1,087	1,190 858 454	2,389 1,768 1,108	5,407 3,725 2,327	ORANGE.....	1914 1909	72 82	2,126 1,770	2,906 2,812	1,278 1,183	1,039 1,442	4,558 3,459
GARFIELD.....	1914 1909	39 25	5,869 2,530	8,574 5,416	2,639 1,080	11,365 5,975	16,113 8,894	PERTH AMBOY.....	1914 1909	128 83	9,202 7,082	48,968 20,787	4,906 3,460	135,745 104,077	148,960 118,598
HACKENSACK.....	1914 1909	43 46	766 738	1,343 1,021	421 360	1,052 899	2,253 1,078	PHILIPSBURG.....	1914 1909 1904	40 39 32	4,359 3,432 3,148	9,705 7,061	2,467 1,732 1,472	5,576 4,770 3,566	11,329 9,150 6,684
HARRISON.....	1914 1909 1904	52 55 41	7,404 6,893 4,040	15,931 8,381	4,603 3,880 1,929	7,358 5,641 3,629	17,061 13,770 8,409	PLAINFIELD.....	1914 1909 1904	78 60 49	1,832 1,758 1,986	4,064 3,912	1,176 968 1,026	2,781 1,530 1,164	5,009 3,649 3,572
IRVINGTON.....	1914 1909	74 51	921 540	2,700 967	537 273	5,923 2,343	7,350 3,018	UNION.....	1914 1909 1904	75 83 77	1,479 1,855 1,866	2,998 1,829	867 1,005 875	2,000 1,248 1,302	4,465 5,883 3,512
KEARNY.....	1914 1909 1904	51 34 11	5,064 4,001 1,303	10,409 7,235	3,196 2,204 505	8,755 7,071 3,505	15,420 12,380 4,428	WEST HOBOKEN.....	1914 1909 1904	189 137 95	3,454 2,782 3,562	2,299 1,477	1,910 1,425 1,276	2,830 2,488 3,122	6,601 5,577 6,947
LONG BRANCH.....	1914 1909	33 34	410 415	1,079 922	206 225	440 584	1,055 1,117	WEST NEW YORK.....	1914 1909	98 66	2,335 1,508	2,455 1,443	1,402 729	10,045 7,409	13,961 9,274
MILLVILLE.....	1914 1909 1904	50 39 35	3,198 2,761 2,767	3,420 3,681	1,813 1,424 1,523	1,856 1,590 1,384	4,644 4,182 3,710								

¹ Figures do not agree with those published because it was necessary to make certain revisions in order to make them comparable with the figures for 1914.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS, DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Maximum month.	Minimum month.		Male.	Female.	Male.	Female.	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

1	All industries.....	9,742	431,003	8,342	10,915	29,355	8,780	373,605	Ap	383,830	Dec	356,057	(*)	(*)	(*)	(*)	(*)	\$1,352,381,873	
2	Agricultural implements.....	9	307	10	17	56	14	270	Mh	133	Au	136	248	248	.....	.....	.....	1,063,615
3	Artificial flowers.....	9	123	8	2	1	.....	112	No	133	Jy	88	129	12	111	.....	6	69,704
4	Artificial stone products.....	83	480	79	85	14	3	349	Jy	410	Fe	235	380	380	.....	.....	.....	712,010
5	Artists' materials.....	7	253	3	11	20	5	214	Oc	241	Jy	100	226	200	20	.....	.....	1,231,711
6	Automobile bodies and parts.....	45	2,355	34	72	209	51	1,989	Ap	2,294	Dec	1,094	1,080	1,626	48	6	.....	4,560,069
7	Automobiles.....	8	618	.....	12	55	20	531	My	618	Se	452	453	452	1	.....	.....	1,020,702
8	Automobile repairing.....	252	1,115	252	30	34	22	777	Au	826	Ja	745	774	771	2	1	.....	1,127,149
9	Awnings, tents, and sails.....	56	213	55	7	4	3	144	Je	200	Fe	80	109	113	56	.....	.....	161,232
10	Baskets, and rattan and willow ware.....	28	260	30	8	8	1	227	Au	262	Ja	186	244	219	15	10	.....	278,848
11	Bolting, leather.....	8	100	11	8	17	7	57	Mh	62	Jy	54	56	54	.....	.....	2	179,000
12	Belting and hose, rubber.....	9	2,662	.....	54	262	77	2,239	.....	.....	.....	.....	2,217	1,870	336	5	.....	8,753,432
13	Rubber belting.....	4	1,970	.....	34	248	63	1,625	Je	1,728	No	1,556	1,643	1,540	98	5	.....	6,250,080
14	Rubber hose.....	5	692	.....	20	44	14	614	Fe	659	No	558	574	336	238	.....	.....	2,497,352
15	Bookbinding and blank-book making.....	34	617	32	19	46	18	502	Mh	519	Dec	485	480	204	188	4	3	981,497
16	Boots and shoes.....	42	4,172	37	106	142	53	3,834	Je	4,178	No	3,504	3,886	2,390	1,456	15	25	4,520,556
17	Boxes, cigar.....	6	134	5	4	1	2	122	Mh	136	Jy	100	123	46	75	3	5	96,408
18	Boxes, fancy and paper.....	51	2,375	30	70	62	37	2,176	Ja	2,244	Jy	2,086	2,171	604	1,440	6	61	1,721,658
19	Boxes, wooden packing.....	30	1,578	20	32	40	11	1,469	Je	1,553	Dec	1,161	1,470	1,348	97	8	17	2,003,885
20	Brass and bronze products.....	61	1,454	54	69	80	25	1,230	Ap	1,620	Dec	1,153	1,190	1,168	5	26	.....	3,254,160
21	Bread and bakery products.....	1,278	7,826	1,345	100	420	249	5,712	5,840	5,344	431	55	7	10,469,209
22	Biscuits and crackers.....	5	102	4	6	24	6	123	Oc	138	Je	106	134	83	22	27	2	195,770
23	All other.....	1,273	7,664	1,341	94	396	244	5,589	Au	5,817	Fe	5,381	5,706	5,261	412	28	5	10,278,433
24	Brick and tile, terra-cotta, and fire-clay products.....	90	8,488	42	217	391	52	7,780	8,352	7,885	378	53	36	19,608,166
25	Building brick.....	40	2,898	35	98	68	6	2,691	Jy	3,656	Ja	1,396	3,345	3,310	8	27	.....	5,575,506
26	Sewer pipe and drainage.....	4	33	2	3	2	1	25	My	30	Dec	17	28	28	.....	.....	.....	57,656
27	Fire brick and stove lining.....	13	1,561	5	29	54	16	1,467	Ap	1,617	Dec	1,188	1,452	1,450	1	1	.....	5,330,218
28	Tile, other than drain tile.....	12	1,200	41	36	10	1,113	My	1,178	Dec	947	1,175	757	368	11	36	1,681,307
29	Architectural and fireproofing terra-cotta.....	15	2,796	.....	46	231	19	2,500	Je	2,781	No	2,116	2,352	2,340	1	11	.....	7,263,389
30	Brooms, from broom corn.....	9	150	12	5	11	1	127	Dec	139	Jan	117	139	131	5	.....	.....	108,633
31	Brushes.....	22	915	17	28	26	22	822	Oc	809	Dec	792	853	518	287	0	12	1,570,215
32	Butter.....	10	32	9	1	1	2	19	Je	20	Se	17	20	19	1	.....	.....	92,734
33	Buttons.....	60	1,074	51	70	51	29	1,773	Je	1,990	Jy	1,541	1,768	1,186	561	11	7	2,166,981
34	Canning and preserving, fish.....	3	25	3	.....	.....	.....	21	Fe	32	My	14	27	26	1	.....	.....	43,300
35	Canning, fruits and vegetables.....	52	3,119	34	67	289	43	2,686	Se	6,092	Jan	1,318	6,288	2,932	3,341	6	0	8,074,203
36	Card cutting and desigining.....	7	52	8	5	1	2	36	Ja	46	No	28	33	31	.....	.....	.....	73,794
37	Carpets and rugs, other than rag.....	4	910	3	11	20	4	872	Je	914	Dec	845	845	551	283	5	6	2,446,821
38	Carpets, rag.....	23	155	28	.....	1	2	124	Oc	131	Se	118	130	104	20	.....	.....	88,308
39	Carriage and wagon materials.....	9	147	9	8	8	.....	122	Je	130	No	112	121	120	.....	.....	1	327,064
40	Carriages and sleds, children's.....	6	157	6	0	1	141	Jy	163	Jan	120	142	108	25	7	2	90,665
41	Carriages, wagons, and repairs.....	255	1,305	209	19	20	11	1,046	.....	.....	.....	.....	1,020	1,017	.....	3	.....	2,080,870
42	Carriages and wagons.....	212	1,215	245	17	19	10	924	Je	1,002	Dec	851	902	809	.....	.....	.....	1,852,572
43	Repair work only.....	43	180	54	2	1	1	122	Je	138	Ja	107	118	118	.....	.....	.....	237,304
44	Cars and general shop construction and repairs by electric-railroad companies.....	17	1,266	.....	21	15	2	1,228	My	1,299	Fe	1,134	1,182	1,180	2	.....	.....	2,129,043
45	Cars and general shop construction and repairs by steam-railroad companies.....	30	7,493	.....	182	406	10	6,835	Ja	7,200	My	6,029	6,769	6,756	2	1	.....	7,398,089
46	Cement.....	4	1,178	1	16	124	25	1,012	Je	1,346	Dec	895	1,274	1,270	3	1	.....	11,787,067
47	Chemicals.....	64	7,476	8	281	688	223	6,276	My	6,421	Jy	5,091	6,452	5,838	607	5	2	37,580,512
48	China decorating, not including that done in potteries.....	6	103	4	3	2	2	92	Mh	107	Jy	77	70	28	44	.....	7	116,999
49	Chocolate and cocoa products.....	6	387	4	12	30	10	322	No	378	Jy	233	333	211	122	.....	.....	1,353,904
50	Cleansing and polishing preparations.....	24	133	21	15	22	10	65	.....	.....	.....	.....	65	46	10	1	.....	248,241
51	Cleansing preparations.....	8	38	0	6	6	3	17	Je	19	Dec	10	17	12	5	.....	.....	64,111
52	Polishing preparations.....	16	95	15	9	16	7	48	Jan	51	Dec	44	46	34	11	.....	.....	154,133
53	Clothing, men's.....	118	5,100	153	50	140	42	4,715	4,061	2,602	2,342	8	9	2,470,802
54	Men's, youths', and boys'.....	34	2,527	30	41	123	34	2,280	Je	2,365	Dec	2,175	2,308	1,122	1,179	7	.....	2,082,857
55	Contract work.....	84	2,573	114	9	17	8	2,425	2,453	1,480	1,163	1	9	407,945
56	Men's and youths'.....	81	2,424	112	7	17	8	2,280	Se	2,570	Dec	2,006	2,482	1,448	1,129	1	9	370,615
57	Boys'.....	3	149	2	2	.....	.....	145	Fe	182	Jy	95	171	37	.....	.....	.....	37,300
58	Clothing, men's, buttonholes.....	3	8	3	.....	.....	.....	5	(C)	5	(C)	5	5	4	1	.....	.....	1,089
59	Clothing, women's.....	183	6,040	237	113	168	99	5,423	.....	.....	.....	.....	5,864	4,780	12	83	.....	3,136,821
60	Regular factories.....	85	3,666	106	74	154	94	3,238	3,407	435	2,885	11	50	2,727,773
61	Suits, skirts, and cloaks.....	31	530	48	11	12	5	454	Se	497	Ja	373	450	270	178	1	.....	187,462
62	Shirt waists; dresses, except house dresses; and undergarments and petticoats.....	38	2,613	40	40	112	55	2,366	Ap	2,517	Jy	2,134	2,484	126	2,205	10	53	2,140,220
63	Wrappers and house dresses.....	8	282	11	14	16	3	238	Oc	286	Dec	197	220	36	101	.....	.....	198,963
64	All other.....	8	241	7	9	14	31	180	Mh	243	Dec	123	244	23	221	.....	.....	201,123
65	Contract work.....	98	2,374	131	39	14	5	2,185	2,457	534	1,805	1	27	400,948
66	Suits, skirts, and cloaks.....	43	694	66	18	10	3	597	Dec	704	Jy	417	634	401	233	.....	.....	111,108
67	Shirt waists and dresses, except house dresses.....	20	829	37	10	3	1	778	No	895	Jy	535	970	61					

NEW JERSEY.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914.

EXPENSES.										POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

\$31,228,204	\$8,619,340	\$211,136,400	\$9,380,405	\$5,206,435	\$18,249,102	\$853,088,320	\$29,470,265	\$1,406,633,414	\$523,168,820	793,063	642,608	30,940	15,001	94,605	257,801	1	
37,474	65,661	178,462	1,000	820	3,475	437,005	8,389	930,724	485,330	518	135	288	70	25	400	2	
2,080	1,028	31,475	480	480	617	22,592	1,614	79,427	55,311	10				10		3	
52,200	0,921	213,130	3,426	11,643	4,532	236,236	8,618	722,410	427,556	703	347	234	0	110	2	4	
30,005	30,427	139,197		9,777	4,104	1,072,187	20,847	1,498,852	405,818	1,437	975	50	325	87	143	5	
232,205	179,201	1,450,305	77,401	57,339	22,312	1,818,090	61,693	5,355,290	3,475,541	2,564	1,065	138	1	1,360	713	6	
35,300	77,443	382,065		0,170	3,787	1,870,064	15,164	2,882,120	995,998	613	550	5		58	595	7	
45,133	27,140	655,314	2,959	117,116	25,180	511,107	28,025	1,922,559	1,353,427	1,052	22	271		750	12	8	
8,542	3,539	87,655	675	13,953	456	158,008	2,857	348,116	186,561	51		5		46		9	
17,610	200	95,623		4,696	809	122,316	3,175	320,251	194,730	561	361	27	80	93		10	
22,900	27,976	43,000		3,600	1,378	202,197	3,337	465,523	259,089	86	12			74		11	
205,400	490,346	1,250,852	1,200		50,437	5,071,815	146,475	10,340,523	5,122,233	10,260	3,420	6	323	1,511	2,045	12	
180,508	420,296	949,852			41,127	3,497,024	112,465	7,783,470	4,173,441	8,484	6,760	0	238	1,480	1,782	13	
78,892	70,050	310,000	1,200		0,310	1,574,191	34,070	2,557,053	948,792	1,770	1,990		85	31	203	14	
55,659	54,530	270,109	3,903		4,412	219,795	10,727	773,901	543,379	353	211	5	1	136		15	
230,968	174,131	1,034,964	32,732		17,673	4,734,637	32,290	8,238,710	3,471,843	1,814	1,551	112		151	455	16	
4,300	2,270	34,176			895	86,163	3,137	144,030	52,739	67	35			32		17	
125,250	88,361	803,700	2,437		11,180	1,148,106	43,499	2,658,571	1,466,069	1,635	878	390		377	123	18	
69,439	58,820	738,447	28,050		10,749	2,750,270	24,512	3,884,028	1,199,216	1,522	1,320	58		135	859	19	
176,610	90,564	759,673	014		19,298	2,995,147	179,718	4,686,497	1,511,562	5,708	4,362	272	25	1,139	203	20	
188,601	473,990	3,957,904	8,288		381,176	12,459,182	498,820	22,310,018	9,352,016	4,599	1,514	300	1	2,094	585	21	
0,510	30,079	45,612			5,378	2,093	20,067	83,905	153,854	137	60			77		22	
179,061	443,011	3,012,262	8,288		375,798	97,271	12,238,615	489,046	21,920,323	9,198,162	4,462	1,454	300	1	2,617	585	23
524,008	440,030	3,983,531	208		11,450	84,961	1,294,620	1,128,489	8,825,738	6,402,629	10,103	17,084	100	1,019	5,240	24	
180,027	77,297	1,320,978	208		7,370	25,105	222,006	433,661	2,780,349	9,030	8,514	30		486	1,822	25	
2,287	988	13,622			1,200	281	3,860	34,457	25,996	158	135	23				26	
87,240	73,730	805,607			2,400	27,122	350,462	1,016,768	1,815,251	3,525	2,415	47		1,093	1,904	27	
74,772	40,770	492,833			480	6,634	330,492	1,157,045	743,376	1,170	815			355	75	28	
178,897	256,239	1,351,001			25,810	381,800	361,906	2,031,119	2,137,324	5,220	5,295			15	1,039	29	
8,440	0,786	39,745	150		2,084	407	150,152	3,084	247,401	60	33			20	15	30	
79,382	40,171	411,036	25		9,505	6,724	858,706	29,183	1,813,810	1,024	300	49	17	508	85	31	
780	1,983	10,189			786	215,507	3,432	256,873	37,934	109	109					32	
146,800	47,993	855,937	5,405		57,212	1,036,023	40,473	2,598,810	1,431,444	1,912	1,185	271	15	441	137	33	
	650	14,365			221	101,392	608	105,685	33,785	2	2			2		34	
333,653	402,497	1,028,216	3,231		14,720	40,916	0,495,234	57,947	11,366,906	4,813,725	2,944	2,781	150	1	12	966	35
7,445	2,764	20,519	13		4,004	285	40,513	660	100,179	11	11			11		36	
51,794	13,280	410,147	936		1,866	13,483	1,342,118	22,686	2,224,751	1,005	705		300	80	130	37	
16,210	5,050	62,805			3,746	53,764	2,589	100,125	103,775	127	83	25		19		38	
		69,104	1,700		5,220	120,604	4,300	266,509	134,590	203	250	15		28		39	
8,351	500	56,140			2,580	494	02,908	1,217	151,054	56	40	5		11		40	
23,883	20,407	746,641	5,681		39,466	19,140	838,994	38,007	2,301,135	1,424,134	1,239	149	528	39	523	58	41
21,620	19,357	662,469	5,436		16,708	16,708	74,604	34,817	2,062,948	1,263,527	1,128	142	489	39	453	58	42
2,283	1,050	84,172	245		6,612	74,390	74,390	3,190	238,187	116	7	39		70		43	
34,696	11,672	806,237	154		9,568	732,781	16,265	1,014,137	865,091	3,353				3,853		44	
258,118	374,919	4,910,250	11,853		93,474	4,210,343	341,307	10,344,659	5,793,009	11,203	10,388	78		787	8,946	45	
75,343	178,673	618,409	50,490		1,000	24,678	1,759,060	742,243	4,300,264	1,807,361	16,935	16,635		4,814	46	46	
993,610	1,055,956	4,124,226	30,342		223,601	16,999,844	964,442	81,989,865	14,632,579	18,503	15,630	1,615		1,318	9,277	47	
5,400	3,028	40,843	1,440		832	66,097	2,745	127,601	68,859	4	4			4		48	
33,736	32,694	148,031	198		8,600	6,717	1,548,974	29,822	2,191,831	583,035	1,342	990		352	58	49	
30,684	34,368	37,742			4,110	1,793	195,300	2,425	423,408	112	80	18		13		50	
8,702	14,941	10,260			1,073	1,385	58,710	200	178,114	4	4	3		1		51	
21,982	19,427	27,482			3,037	1,408	136,590	2,228	245,294	108	86	10		12		52	
92,694	130,943	1,794,158	441,826		73,660	25,866	2,038,100	44,115	5,953,796	3,271,491	786	74	138	574		53	
78,570	109,359	609,853	400,500		48,946	23,027	2,583,837	20,193	4,331,069	1,727,039	441	69	24	318		54	
14,121	20,084	1,184,305	41,326		24,720	2,839	54,293	23,922	1,622,937	1,544,452	315	5	114	226		55	
11,680	20,084	1,114,501	41,326		22,540	2,777	50,025	21,975	1,537,761	1,405,751	293	5	104	184		56	
2,444		69,804			2,180	4,238		1,947	84,886	78,701	52		10	42		57	
		2,273	468		2	390		99	6,650	6,161	2			2		58	
197,893	238,379	2,003,609	34,783		106,776	7,978	2,395,144	56,814	6,798,076	3,816,118	1,300	449	224	8	610	103	59
147,805	218,236	1,213,318	67,052		5,594	2,826,589	83,702	5,510,958	2,650,667	842	391	139		304	88	60	
15,923	14,557	217,242	21,827		10,908	535	567,778	6,750	1,027,551	464,643	97	20		77		61	
96,973	179,206	863,983	1,166		52,988	3,542	1,872,235	18,994	8,597,127	1,705,898	506	333	63	102	78	62	
14,220	11,070	71,482			1,692	612	202,062	4,716	471,622	264,844	144	58	44	42		63	
20,689	13,403	4,565			1,464	905	194,514	4,242	414,618	215,862	95	12		83	10	64	
50,083	20,143	790,291	7,225		39,724	2,384	68,555	23,112	1,257,118	1,165,451	458	58	85	315	16	65	
21,719	17,321	284,104	3,103		20,142	591	52,406	7,546	580,824	520,872	105	3	5	97		66	
13,715	1,760	254,064			11,832	798	7,896	6,933	340,623	325,794	143		14	120		67	
4,810	750	80,015			4,550	343	3,300	3,072	104,809	98,527	43		4	39		68	
9,844	312	171,208	4,122		3,200	652	4,953	5,561	230,772	220,258	167	55	62	50	15	69	

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS, DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.					
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.					16 and over.		Under 16.							
					Male.	Female.	Average number.	Number, 15th day of--		Total.	Male.	Female.	Male.	Female.							
								Maximum month.	Minimum month.												
70 Coffee and spice, roasting and grinding.	17	191	12	13	40	11	100	Jy	108	Do ^a	105	105	84	21	.....	.....	.....	.....	.....	.....	\$828,006
71 Coffins, burial cases, and undertakers' goods.	7	206	7	1	12	2	184	Ja ^a	190	Au	175	181	160	15	.....	.....	.....	.....	.....	.....	404,383
72 Condensed milk and milk products, other than butter and cheese.	4	58	1	3	2	4	48	Jo ^a	60	Do ^a	35	53	51	2	.....	.....	.....	.....	.....	.....	233,570
73 Confectionery and ice cream.	147	2,485	143	103	157	99	1,983	.....	.....	.....	.....	2,178	1,015	1,006	7	60	.....	.....	.....	.....	4,814,357
74 Confectionery.	69	1,716	61	69	107	69	1,410	No	1,022	Jo	1,143	1,647	603	682	4	58	.....	.....	.....	.....	2,825,458
75 Chewing gum.	6	264	.....	9	15	7	173	Oc	223	Fe	118	145	48	67	.....	.....	.....	.....	.....	.....	604,002
76 Ice cream.	72	565	32	25	35	23	400	Au ^a	687	Ja	250	386	366	17	3	.....	.....	.....	.....	.....	1,283,067
77 Cooperage.	35	977	42	21	25	10	879	So	661	Fe ^a	830	933	616	.....	15	2	.....	.....	.....	.....	2,700,721
78 Copper, tin, and sheet-iron work.	163	1,097	170	83	74	28	1,642	My	1,769	Au	1,528	1,709	1,616	57	6	.....	.....	.....	.....	.....	2,458,827
79 Cordage and twine.	6	801	1	15	24	1	760	My	814	Do	678	669	424	240	4	1	.....	.....	.....	.....	3,127,210
80 Cordials and flavoring sirups.	5	28	2	5	8	1	12	Au ^a	13	Fe ^a	11	11	11	.....	.....	.....	.....	.....	.....	.....	106,150
81 Cork, cutting.	6	639	3	10	30	11	570	Mh	777	No	338	529	510	18	.....	.....	.....	.....	.....	.....	1,597,493
82 Corsets.	13	2,012	4	37	150	120	2,592	Mh	2,844	No	2,213	2,362	200	2,126	.....	36	.....	.....	.....	.....	2,917,157
83 Cotton goods.	21	7,409	0	85	120	42	7,144	My	7,432	No	6,824	7,126	3,169	3,557	138	262	.....	.....	.....	.....	20,885,848
84 Cutlery and edge tools.	22	1,754	14	35	116	38	1,551	.....	.....	.....	.....	1,522	1,268	333	21	1	.....	.....	.....	.....	2,327,586
85 Scissors, shears, and clippers.	7	704	6	17	40	10	616	Fe	650	Jy	530	614	580	20	5	.....	.....	.....	.....	.....	1,411,630
86 Table cutlery, razors, axes, hatchets, and pocketknives.	8	785	3	12	61	18	691	Ja	770	My	626	647	440	184	13	1	.....	.....	.....	.....	607,624
87 All other.	7	265	5	0	6	4	244	No	263	Ja	221	261	230	10	3	.....	.....	.....	.....	.....	278,023
88 Dental goods.	3	13	.....	4	2	1	6	(⁴)	6	(⁴)	6	6	4	2	.....	.....	.....	.....	.....	.....	63,804
89 Dyeing and finishing textiles.	98	12,702	48	281	567	123	11,683	Mh	12,261	Do	10,746	10,733	8,993	1,671	30	30	.....	.....	.....	.....	32,939,872
90 Dyestuffs and extracts.	18	530	11	47	108	21	343	Oc	362	Fe	333	330	320	11	6	2	.....	.....	.....	.....	3,830,100
91 Electrical machinery, apparatus, and supplies.	70	17,057	20	303	2,182	651	14,405	Ja	16,208	Oc	13,009	13,647	9,278	4,291	23	55	.....	.....	.....	.....	44,630,466
92 Electroplating.	21	252	24	12	7	11	198	Do	244	Ja	150	247	203	43	1	.....	.....	.....	.....	.....	546,242
93 Enameling.	4	7	4	.....	.....	.....	3	Jy ^a	4	Ja ^a	2	4	4	.....	.....	.....	.....	.....	.....	.....	2,424
94 Engines, steam, gas, and water.	14	834	7	53	75	22	677	Fe	725	Oc	622	654	651	.....	3	.....	.....	.....	.....	.....	3,611,802
95 Engraving and diesinking.	30	167	37	6	5	7	112	Do	126	Ap	106	104	88	15	1	.....	.....	.....	.....	.....	65,681
96 Fancy articles, not elsewhere specified.	45	984	31	49	52	36	816	.....	.....	.....	.....	825	535	274	5	11	.....	.....	.....	.....	1,284,618
97 Metal novelties.	17	478	11	23	20	13	462	Oc	513	Jy	360	414	265	143	1	5	.....	.....	.....	.....	761,515
98 Celluloid, paper, and wood novelties.	9	172	0	5	7	7	149	No	179	Do	135	138	80	43	1	5	.....	.....	.....	.....	148,555
99 All other.	19	334	14	21	18	16	265	So	322	Ja	215	273	181	88	3	1	.....	.....	.....	.....	374,542
100 Fertilizers.	23	1,833	16	58	203	20	1,530	Mh	1,997	Au	1,271	1,626	1,610	61	.....	.....	.....	.....	.....	.....	13,505,686
101 Flavoring extracts.	19	201	14	21	22	7	137	No	159	Fe	117	145	81	6	2	1	.....	.....	.....	.....	373,637
102 Flour-mill and gristmill products.	190	623	221	20	26	9	311	Do	349	My ^a	334	350	350	.....	.....	.....	.....	.....	.....	.....	2,616,139
103 Food preparations, not elsewhere specified.	63	1,387	75	52	356	92	812	Fe	870	Au	732	820	661	163	1	4	.....	.....	.....	.....	3,653,337
104 Foundry and machine-shop products.	472	21,413	358	737	1,855	364	18,090	.....	.....	.....	.....	17,303	16,755	460	57	22	.....	.....	.....	.....	65,757,744
105 Boiler shops and foundries.	51	4,106	30	108	402	67	3,559	Mh	3,808	Do	3,161	3,271	3,236	27	7	1	.....	.....	.....	.....	17,054,854
106 Machine shops.	421	17,247	328	629	1,453	297	14,540	My	15,306	No	13,302	14,032	13,610	442	50	21	.....	.....	.....	.....	47,892,890
107 Fur goods.	14	96	14	2	2	2	76	Do	108	My	23	106	59	47	2	.....	.....	.....	.....	.....	168,864
108 Furnishing goods, men's.	22	4,258	24	38	195	81	3,920	Oc	4,024	Do	3,761	3,792	407	3,283	8	94	.....	.....	.....	.....	5,542,670
109 Furniture.	66	2,676	67	76	189	67	2,287	.....	.....	.....	.....	2,397	2,352	33	12	.....	.....	.....	.....	.....	4,636,164
110 Wood, other than rattan and willow.	36	807	34	20	52	10	601	Do	782	Ja	623	768	774	12	12	.....	.....	.....	.....	.....	1,469,515
111 Rattan and willow.	5	88	5	2	2	1	78	My ^a	86	Au	72	80	80	.....	.....	.....	.....	.....	.....	.....	62,802
112 Metal.	9	1,293	2	37	74	36	1,144	Ap	1,209	Fe	1,058	1,158	1,137	21	.....	.....	.....	.....	.....	.....	2,317,823
113 Store and office fixtures.	16	488	10	17	61	20	374	So	403	Ap	353	361	361	.....	.....	.....	.....	.....	.....	.....	655,019
114 Furs, dressed.	6	305	9	5	11	2	278	Jy	417	Ja	113	417	388	28	1	.....	.....	.....	.....	.....	354,256
115 Gas and electric fixtures.	25	2,362	11	54	104	37	2,096	.....	.....	.....	.....	2,361	1,012	1,306	18	25	.....	.....	.....	.....	9,725,332
116 Gas fixtures.	12	2,060	8	32	156	26	1,838	Oc	2,291	Ja	1,610	2,085	758	1,285	17	25	.....	.....	.....	.....	9,257,499
117 Electric and other fixtures.	13	332	3	22	38	11	258	.....	.....	.....	.....	276	254	21	1	.....	.....	.....	.....	.....	467,633
118 Gas, illuminating and heating.	43	3,760	3	179	1,249	114	2,205	Je	2,414	No	1,938	1,990	1,988	2	.....	.....	.....	.....	.....	.....	94,610,320
119 Gas machines and gas and water meters.	8	450	1	22	80	13	325	No	379	My	288	353	297	54	1	1	.....	.....	.....	.....	1,589,444
120 Glass.	10	6,224	5	81	261	93	5,784	Mh	7,040	Au	1,883	6,994	6,020	222	144	8	.....	.....	.....	.....	8,730,988
121 Glass, cutting, staining, and ornamenting.	41	794	31	35	25	31	672	Do	726	Ja	604	721	599	95	24	3	.....	.....	.....	.....	1,024,576
122 Gold, leaf and foil.	13	169	16	4	.....	.....	149	Jy	158	Do	135	150	76	80	3	.....	.....	.....	.....	.....	57,116
123 Gold and silver, reducing and rolling, not from the ore.	14	270	8	26	33	24	179	Fe	180	No	160	184	175	9	.....	.....	.....	.....	.....	.....	1,620,614
124 Grease and tallow, not including lubricating greases.	38	277	37	11	6	5	218	.....	.....	.....	.....	212	210	2	.....	.....	.....	.....	.....	.....	550,697
125 Soap stock.	27	196	26	7	6	3	154	Je	170	Ja	142	150	149	1	.....	.....	.....	.....	.....	.....	400,608
126 All other.	11	51	11	4	.....	.....	64	Ap	70	Ja	49	62	61	1	.....	.....	.....	.....	.....	.....	141,149
127 Hardware.	34	2,111	25	58	94	43	1,891	.....	.....	.....	.....	1,889	1,405	453	17	14	.....	.....	.....	.....	3,751,190
128 Locks.	5	214	3	13	27	8	193	Mh	215	No	167	178	160	18	.....	.....	.....	.....	.....	.....	305,943
129 Hinges and other builders' hardware.	8	123	8	6	6	2	101	Ja	114	No	92	100	95	5	.....	.....	.....	.....	.....	.....	190,130
130 All other.	21	1,744	14	39	61	33	1,597	Ja	1,684	Jy											

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Primary horsepower.				Electric horsepower generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.		Steam engines. ¹			Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rented).	
\$28,478	\$40,856	\$63,140		\$14,317	\$4,971	\$3,214,584	\$10,459	\$3,451,165	\$926,122	534	300	35	199	70	70	
1,820	13,783	119,308		7,872	3,417	244,335	5,402	486,570	236,842	269	240	20	9	52	71	
3,220	4,470	33,347			1,032	501,601	9,843	597,434	85,990	383	310		73	10	72	
140,728	182,704	892,172	\$2,057	89,804	42,063	4,282,718	98,901	7,078,563	2,696,944	3,677	1,820	537	1,320	707	73	
85,917	134,432	508,382	890	51,955	15,480	2,533,901	56,599	3,889,282	1,293,782	1,493	725	5	763	288	74	
17,217	14,071	70,176		9,450	18,617	452,030	8,874	999,319	537,815	318	100		218		75	
37,564	31,201	313,614	1,167	23,392	7,936	1,296,187	33,423	2,189,993	860,347	1,806	995	532	339	419	76	
51,620	20,881	584,718	1,700	11,130	25,688	2,689,241	22,788	3,764,288	1,042,261	1,568	1,350	18	140		77	
151,096	78,510	1,097,419	9,567	39,781	16,801	1,831,600	31,087	4,092,200	2,229,533	1,368	615	235	518	18	78	
46,141	23,111	316,312		18,270	18,270	2,250,050	31,358	2,863,313	581,910	3,368	3,860	4	2	1,100	79	
18,431	17,212	4,520	800	1,950	625	51,517	410	106,883	57,961	15	15				80	
56,215	38,020	310,188		8,521	12,736	1,032,149	63,883	1,693,892	492,800	2,011	125		1,886		81	
171,963	351,019	1,007,782	6,000	49,889	12,426	2,287,369	19,548	4,737,474	2,430,557	987	930	11	346		82	
306,751	107,559	3,149,017	12,225	9,206	118,905	9,671,839	270,130	16,317,400	6,390,518	20,617	17,561	28	940	2,388	1,839	83
100,661	142,060	609,593	1,891	16,042	11,513	648,475	49,035	2,200,102	1,062,689	1,634	885	250	12	481	5	84
51,925	63,244	328,074	1,891	200	7,531	108,332	10,280	904,006	688,394	538	475	28	28	35	5	85
37,320	70,174	230,439		9,978	2,644	260,499	19,379	1,042,593	702,715	726	260	210	12	244		86
17,416	8,648	140,990		6,464	1,338	91,644	10,379	313,593	211,480	370	150	18	202		87	
8,430	906	2,078		960	479	28,194	1,220	47,768	18,364	20	20		29		88	
840,360	635,754	5,026,467	1,931	62,583	153,794	12,740,101	965,839	27,986,512	14,280,512	22,870	21,993	208	65	635	8,385	89
218,537	251,178	210,017	325	8,159	20,698	2,902,800	50,779	4,998,962	1,925,323	1,525	1,401		184	85	90	
1,335,871	3,099,362	7,866,849	6,882	128,097	189,525	20,028,172	521,104	40,740,810	20,191,534	22,860	11,516	658	50	10,636	8,661	91
20,758	11,304	94,644	1,200	5,230	1,423	83,690	7,684	387,587	246,213	279	134	88	57	1	92	
		1,642		640	3	260	313	10,095	9,532	6	6		6		93	
144,162	93,179	514,118	2,968	5,048	11,237	652,344	20,344	1,756,278	1,074,500	2,772	2,362	405	5	705	94	
0,214	4,446	69,799	359	7,606	171	20,191	1,504	175,324	144,629	65	20	9	36		95	
104,847	89,958	422,916	10,404	26,944	5,786	594,684	23,157	1,474,081	856,840	692	293	163	171	37	96	
54,269	53,175	208,232	192	12,545	3,155	299,707	9,047	717,787	408,073	214	78	73	63		97	
15,580	6,050	70,840	52	6,767	1,616	84,676	5,191	222,622	132,755	127	85	24	18	37	98	
34,998	30,733	143,874	10,160	7,632	1,015	210,241	8,919	534,272	315,112	251	100	61	90		99	
188,983	282,259	813,819	11,789	3,311	57,424	7,451,553	135,531	11,197,690	3,610,600	5,829	4,215	159	1,455	3,566	100	
44,267	26,231	58,599		5,803	4,143	6,528	6,528	825,363	236,439	219	154	42	23	5	101	
23,884	16,858	187,796		10,374	16,579	3,555,023	34,988	4,320,421	730,413	8,870	1,750	1,372	434	4	102	
134,948	328,017	429,436	14,220	39,446	21,504	7,266,901	77,812	9,478,997	2,144,284	2,309	1,741	183	330	245	103	
1,771,354	2,245,171	11,960,849	219,042	313,733	289,970	15,420,727	830,547	41,899,838	25,618,564	37,678	28,635	1,857	615	6,471	18,207	104
345,918	579,430	2,240,966	8,359	11,552	74,573	3,105,817	251,150	7,748,185	4,391,218	9,357	7,325	148	85	1,769	5,568	105
1,425,436	1,665,243	9,720,243	210,683	802,181	215,397	12,314,910	579,397	34,121,653	21,227,346	28,221	21,310	1,709	530	4,072	12,639	106
1,823	2,323	42,068	400	11,864	1,514	78,980	904	182,845	102,961	153	150		3		107	
117,712	300,758	1,419,729	24,018	20,438	14,551	3,536,274	26,507	6,241,484	2,678,704	1,229	1,005	92	15	117	512	108
204,217	198,864	1,384,265	3,331	27,414	24,127	2,392,850	65,055	5,492,766	3,094,849	3,587	3,049	124	30	387	826	109
51,999	67,614	440,107	2,504	9,969	9,123	516,032	18,321	1,474,112	939,769	1,829	1,696	58	30	55	604	110
2,800	1,108	48,195		4,080	332	53,147	822	124,140	70,171	17		15	2		111	
107,095	92,094	646,510		11,531	11,531	1,448,046	35,311	2,998,075	1,514,718	1,224	916	19	200	145	112	
42,263	36,948	249,453	827	6,115	3,141	375,625	10,601	866,427	480,201	517	445	32	40	77	113	
24,809	19,144	156,641		3,914	3,270	51,475	15,265	350,159	283,419	383	280		103		114	
150,589	249,659	933,522		38,364	28,022	3,388,353	60,846	5,229,179	1,770,976	1,136	992	82	152	736	115	
111,762	214,478	782,848		31,050	26,850	3,162,536	51,089	4,735,221	1,521,506	852	782	38	37	726	116	
38,827	35,181	150,674		7,314	1,172	225,822	9,767	493,958	253,379	284	120	49	115		117	
333,738	892,943	761,482	2,354	5,273	610,614	1,396,975	2,678,487	14,020,050	9,944,688	10,397	8,498	1,830	69	144	118	
56,420	128,815	218,695	300	3,060	4,854	364,321	30,255	1,027,265	632,689	768	90	52	626		119	
218,547	321,510	3,770,258	10,083	2,718	48,981	1,749,159	782,033	7,597,754	5,066,562	2,897	2,451	61	395	618	120	
47,382	28,965	342,947	2,394	9,447	3,052	633,756	14,784	1,601,365	952,818	330	163	132	44	50	121	
5,320	1,040	54,007		2,291	662	125,985	2,260	229,853	101,618	41	10	13	18		122	
80,348	53,249	146,875	600	3,624	11,093	8,961,051	39,735	10,078,176	1,077,390	720	622	27	71	315	123	
27,041	6,799	129,060		2,915	3,296	799,760	20,970	1,184,942	364,212	631	628		3	40	124	
15,241	5,581	82,587		1,965	2,346	443,923	14,763	700,083	241,397	378	375		3	40	125	
1,128	1,128	46,473		950	950	355,837	6,207	484,859	122,815	253	253				126	
274,669	184,219	906,891	6,822	29,637	22,546	1,365,070	61,039	3,543,987	2,117,878	3,239	2,818	150	271	671	127	
44,094	43,006	111,203		1,400	1,889	179,290	9,769	469,045	280,886	212	185	27	5		128	
9,882	64,182	2,033		200	1,035	47,994	5,742	170,168	110,432	196	163	28			129	
224,591	131,331	731,596	4,789	28,037	19,622	1,137,786	45,528	2,903,874	1,729,560	2,831	2,470	95	266	621	130	
37,296	16,440	152,728		6,016	3,949	213,712	9,615	525,418	302,091	308	250	46	12		131	
19,796	7,325	147,766		3,270	2,449	786,669	10,890	1,148,091	350,526	704	615	30	41	40	132	
13,170	24,251	172,008		5,234	1,252	283,082	3,610	608,396	321,693	82	40	1	38		133	

¹ Same number reported for one or more other months. ² Same number reported throughout the year.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.										WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	10 and over.		Under 10.				
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.	Female.			
								Maximum month.	Minimum month.								
134 Hats, fur-felt.....	41	4,724	25	120	134	44	4,401	So	4,560	My	4,274	4,439	3,335	1,092	9	3	\$6,265,551
135 Hats, straw.....	6	428	8	17	15	6	382	Ja	470	Jy	103	509	148	380	1	1	503,087
136 Hosiery and knit goods.....	62	4,318	46	85	119	43	4,025	Oo	4,210	Ja	3,873	4,080	1,526	2,425	20	100	6,812,874
137 Ice, manufactured.....	71	780	26	87	32	14	621	Au	847	Do	435	658	657	1			4,417,538
138 Ink, printing.....	9	617	4	32	186	17	278	Ja	295	Do	267	298	298				2,223,375
139 Iron and steel, steel works and rolling mills.	15	5,170	.....	77	393	61	4,689	Mh	4,913	Do	4,416	4,705	4,784	9	2		35,061,996
140 Iron and steel, bolts, nuts, washers, and rivets.	3	198	.....	7	20	3	168	Jy	179	Oo	160	175	174	1			784,858
141 Iron and steel, cast-iron pipe.....	9	3,038	3	28	163	23	3,421	Jy	3,585	No	2,094	3,438	3,427	6	5		7,508,602
142 Iron and steel forgings.....	10	284	6	20	13	5	240	Do	253	Ja	227	254	254				608,076
143 Iron and steel, wrought pipe.....	3	416	.....	15	41	1	359	Mh	446	Do	234	326	324		2		1,063,329
144 Japanning.....	8	30	9	2	1	1	17	Ja	28	Ja	8	21	18	2	1		38,525
145 Jewelry.....	175	4,401	166	245	369	223	3,408	Mh	3,588	Do	3,140	3,422	2,615	776	22	9	14,414,723
146 Jewelry and instrument cases.....	10	157	9	6	3	2	137	Ja	151	Jy	127	151	109	41	1		153,478
147 Lamps and reflectors.....	7	196	8	13	27	8	110	No	125	No	80	80	66	21	2		467,478
148 Leather goods, not elsewhere specified.	24	942	21	17	42	8	854	Oo	907	Ja	816	914	500	404	6	4	1,466,605
149 Leather, tanned, curried, and finished.	84	5,686	51	171	308	48	5,108	Ja	5,406	Do	4,667	4,815	4,700	101	5		23,340,973
150 Lime.....	12	61	13	1	1	.....	46	Ap	55	Do	40	45	45				103,482
151 Liquors, distilled.....	18	49	17	5	1	.....	26	Oo	54	Jy	12	40	40				281,992
152 Liquors, malt.....	29	3,162	2	168	384	20	2,588	Au	2,646	Do	2,526	2,603	2,689	2	2		46,316,374
153 Liquors, vinous.....	11	54	11	11	5	1	29	So	37	No	18	47	46	1			398,264
154 Looking-glass and picture frames.....	11	105	10	3	5	4	84	No	119	Do	53	68	59	0			163,707
155 Lumber and timber products.....	167	1,240	184	18	10	2	1,026	Do	1,111	Au	838	1,108	1,189	0			982,225
156 Lumber, planing-mill products, not including planing mills connected with sawmills.	181	2,907	127	191	145	67	2,377	Ja	2,461	Do	2,201	2,268	2,263	3	2		7,016,558
157 Marble and stone work.....	132	1,340	143	72	32	13	1,080	Au	1,351	Fe	60	966	960				3,293,665
158 Mattresses and spring beds.....	25	242	30	9	19	3	181	So	183	Au	178	183	152	30	1		415,813
159 Millinery and lace goods.....	276	6,267	286	135	205	68	5,573	.....	.....	.....	.....	5,812	1,444	4,108	15	155	7,889,950
160 Embroideries.....	248	4,022	267	101	165	31	3,458	Mh	3,785	Jy	2,025	3,600	1,071	2,521	11	96	4,711,993
161 Trimmed hats, hat frames, dress and cloak trimmings, and braids and fringes.	8	160	7	6	7	4	130	Mh	229	Jy	72	161	85	71	2	3	309,268
162 Women's neckwear.....	5	294	3	7	5	2	277	Oo	336	Fe	235	310	33	268		9	108,626
163 All other.....	15	1,791	9	21	28	81	1,702	Fe	1,942	Au	1,540	1,642	235	1,338	2	47	2,760,154
164 Mineral and soda waters.....	189	987	208	47	51	14	607	So	809	Do	582	430	610	11	8	1	1,081,807
165 Minerals and earths, ground.....	14	336	5	21	18	5	292	Fe	313	Do	260	284	282	2			1,372,148
166 Mirrors, framed and unframed.....	6	173	.....	9	9	2	147	Oo	152	Jy	136	148	135	8	4	1	388,999
167 Models and patterns, not including paper patterns.	40	389	50	10	5	5	318	My	324	Au	282	329	324	4	1		412,835
168 Musical instruments and materials, not specified.	7	270	3	15	3	7	242	Oo	260	Jy	210	258	165	85	2	6	457,351
169 Musical instruments, pianos.....	8	947	2	23	61	9	852	Oo	892	Ja	782	842	714	128			2,052,711
170 Needles, pins, and hooks and eyes.....	7	540	1	14	8	8	515	My	524	Ja	505	517	222	20	14		654,452
171 Oil, not elsewhere specified.....	20	742	3	61	207	45	426	.....	.....	.....	.....	432	413	17	2		6,806,093
172 Fish oil.....	5	216	.....	13	67	12	124	Oo	159	Do	100	140	147	2			1,593,458
173 All other.....	15	526	3	48	140	33	302	Do	340	So	269	283	266	15	2		5,272,535
174 Oilcloth and linoleum, floor.....	7	2,020	1	39	86	36	1,858	Ja	1,949	Do	1,775	1,783	1,745	20	18		8,665,983
175 Oilcloth, enameled.....	3	400	4	7	45	12	332	Mh	354	So	312	318	306				2,316,940
176 Optical goods.....	12	117	11	7	3	6	90	Fe	108	So	77	102	44	53	3	2	140,786
177 Paints.....	31	1,786	14	75	310	54	1,333	Ap	1,379	Oo	1,286	1,340	1,230	104	4	2	9,268,814
178 Paper and wood pulp.....	33	3,198	12	97	111	51	2,927	Ap	2,994	No	2,898	2,928	2,733	177	13	5	13,667,982
179 Paper goods, not elsewhere specified.	24	1,078	16	47	68	40	907	Oo	950	Ja	843	904	603	266	3	2	4,139,117
180 Patent medicines and compounds.....	103	1,148	63	107	198	84	690	My	718	Do	665	707	428	235	27	17	4,351,333
181 Paving materials.....	29	1,422	9	60	83	6	1,269	Ja	1,634	Do	886	1,333	1,393				4,416,579
182 Petroleum, refining.....	8	5,786	.....	131	432	45	5,178	So	5,524	Fe	4,053	5,204	5,194	8	2		77,364,114
183 Photo-engraving.....	7	63	9	8	6	3	37	Fe	41	Do	35	35	35				177,937
184 Photographic apparatus.....	7	79	3	6	1	1	68	Ja	78	Do	53	53	53				178,500
185 Pickles, preserves, and sauces.....	41	542	37	21	26	11	447	So	1,172	Ja	242	438	256	104	9	9	1,711,116
186 Pottery.....	50	5,603	14	151	106	77	5,225	.....	.....	.....	.....	5,177	4,210	907	28	23	11,241,533
187 Chinaware.....	43	5,244	10	169	157	68	4,843	Ja	4,907	Do	4,673	4,785	4,011	735	25	14	10,464,368
188 Earthen and stone ware.....	7	419	4	15	9	9	332	Fe	405	So	371	392	208	172	3	9	777,215
189 Printing and publishing, book and job.	359	2,420	371	124	151	70	1,698	.....	.....	.....	.....	1,733	1,462	237	25	9	3,996,641
190 Job printing.....	350	2,345	364	118	137	75	1,651	Mh	1,773	Au	1,427	1,685	1,419	233	25	8	3,759,193
191 Book publishing and printing.....	5	69	4	5	13	1	46	Do	51	Ap	40	47	42	4			107,125
192 Book publishing without printing.....	4	6	3	1	1	.....	.....	(*)	1	(*)	1	1	1				40,323
193 Printing and publishing, newspapers and periodicals.	320	3,995	236	225	846	218	2,470	.....	.....	.....	.....	2,504	2,215	255	33	1	6,167,016
194 Printing and publishing.....	23	1,416	14	67	500	74	761	No	803	Mh	729	761	713	44	4		2,225,788
195 Printing, publishing, and job printing.	237	2,425	183	130	292	113	1,701	Do	1,734	Ja	1,633	1,735	1,498	209	27	1	3,833,596
196 Publishing without printing.....	60	154	39	22	54	31	8	(*)	8	(*)	8	8	4	2	2		78,532

* Owned power only.

† Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Primary horsepower.				Electric horsepower generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.		Steam engines. ¹			Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rented).	

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$273,025	\$211,743	\$2,002,501	\$1,115	\$22,102	\$20,049	\$3,506,823	\$141,210	\$7,060,344	\$4,261,302	4,722	4,578	10	25	109	718	134
20,000	33,281	201,098	.....	2,700	2,804	382,618	8,071	843,770	452,187	183	135	5	.....	53	.....	135
225,050	100,885	2,243,880	185,081	87,475	28,422	3,259,210	70,203	7,840,550	4,514,134	2,610	1,044	197	155	520	1,328	130
113,806	34,409	434,368	7,501	7,820	41,388	100,049	360,370	1,556,361	1,020,036	13,058	13,230	290	60	78	1,328	137
181,170	232,176	207,090	160	8,240	9,021	923,140	27,409	2,004,572	1,144,017	1,346	1,085	90	.....	191	411	138
286,539	401,275	2,000,173	.....	8,034	87,058	4,006,275	1,170,193	10,420,452	5,234,084	30,071	34,755	31	530	1,655	11,074	139
17,108	22,002	94,700	.....	2,100	2,781	150,489	11,385	253,818	91,044	400	300	100	.....	.....	65	140
112,790	174,854	1,091,079	.....	.....	42,072	4,370,831	403,870	7,352,708	2,569,067	4,785	3,155	1,450	.....	180	0,128	141
48,728	22,074	160,224	.....	702	2,910	170,230	31,410	487,608	277,028	702	400	90	.....	200	.....	142
05,808	40,340	208,109	7,727	.....	6,011	413,351	47,152	1,027,023	557,120	777	668	.....	.....	112	688	143
1,700	1,000	12,574	.....	600	207	10,790	1,349	40,875	28,736	12	.....	.....	.....	12	.....	144
724,352	614,831	2,220,649	48,120	133,019	41,855	5,400,438	04,501	11,347,455	5,822,516	1,015	378	845	.....	692	863	145
12,850	4,804	78,264	.....	4,685	904	109,506	2,020	241,335	120,803	58	.....	34	.....	21	.....	146
27,550	33,107	74,421	18,187	2,520	2,073	73,480	3,630	240,004	160,488	188	150	8	.....	10	.....	147
42,606	60,127	406,450	691	9,042	7,025	1,025,727	10,440	1,831,709	795,632	407	275	69	.....	63	170	148
580,093	347,006	3,259,651	109,010	81,430	106,553	21,763,713	310,918	31,651,831	9,671,200	12,300	9,635	404	75	2,102	5,020	149
1,500	000	20,205	155	913	741	8,760	10,409	02,205	30,946	80	82	.....	.....	5	.....	150
4,612	884	14,442	.....	100	63,867	49,517	3,984	152,414	98,963	368	310	36	22	.....	.....	151
730,208	587,220	2,307,645	50,570	7,600	3,768,064	5,117,680	409,977	20,481,806	14,807,330	17,030	10,593	12	300	161	3,507	152
12,225	2,455	16,840	.....	1,325	7,073	44,000	1,644	150,735	105,131	100	95	5	.....	.....	.....	153
4,000	0,840	42,637	.....	3,610	970	182,001	1,141	208,393	134,851	11	.....	.....	.....	11	.....	154
14,600	5,062	503,305	24,324	1,820	17,599	355,836	7,845	1,280,970	920,280	5,817	4,787	356	604	70	.....	155
338,000	158,042	1,000,910	13,304	78,641	41,813	4,130,700	07,904	7,258,586	3,023,082	10,093	7,244	607	112	2,130	903	156
153,020	37,260	1,010,375	51,194	10,053	15,809	1,142,595	32,000	2,846,585	1,071,384	2,707	1,933	341	.....	493	315	157
20,212	17,596	95,304	650	0,102	3,455	420,343	5,462	600,644	253,839	215	50	38	.....	127	.....	158
330,840	250,748	2,558,816	270,885	127,404	31,774	3,807,642	100,180	10,485,723	6,571,802	1,709	524	150	40	986	58	159
200,200	178,623	1,786,745	253,009	107,130	20,552	2,218,001	80,885	6,300,823	4,007,037	1,110	109	53	40	818	58	160
14,531	13,328	67,837	1,200	3,990	851	173,928	3,800	325,825	148,098	113	30	.....	.....	77	.....	161
23,793	19,800	101,370	15,776	2,000	481	120,207	3,320	355,960	232,334	36	.....	2	.....	34	.....	162
92,223	38,997	602,804	.....	13,405	9,890	1,245,416	18,175	3,497,114	2,183,523	450	325	68	.....	87	.....	163
70,068	38,088	420,936	530	37,773	15,750	936,193	29,992	2,052,941	1,087,750	938	422	142	1	373	0	164
50,741	18,878	170,978	5,757	3,183	7,783	514,069	50,072	1,048,822	482,881	3,215	3,018	10	217	.....	213	165
25,100	11,591	80,409	.....	10,400	1,434	300,048	5,940	508,209	102,315	121	75	3	.....	43	.....	166
15,471	5,688	257,602	.....	7,130	1,908	101,407	10,553	501,508	440,008	421	112	71	.....	238	.....	167
36,806	8,760	111,517	500	336	3,613	123,083	4,520	353,854	220,251	244	240	4	.....	.....	21	168
69,352	82,078	550,994	.....	23,890	14,541	804,091	21,586	1,737,722	912,045	1,420	1,380	.....	.....	46	848	169
32,900	11,076	215,421	100	1,068	3,205	193,700	7,411	597,093	395,805	320	304	5	.....	20	128	170
289,175	394,951	209,083	17,699	30,514	35,886	6,760,338	71,849	9,200,437	2,408,250	3,475	2,723	717	.....	35	693	171
53,741	113,138	86,628	.....	10,459	4,353	2,244,884	19,727	2,644,710	380,599	587	508	.....	.....	19	80	172
232,434	281,813	212,456	17,699	11,055	34,533	4,605,964	52,122	6,045,727	2,087,651	2,888	2,156	717	.....	10	663	173
137,240	141,778	1,085,250	.....	47,096	5,188,941	244,535	244,535	8,053,101	3,219,685	7,438	6,445	.....	.....	993	5,508	174
33,673	60,434	201,422	.....	7,945	2,195,757	30,500	30,500	2,731,150	504,833	785	785	.....	.....	1,105	175	176
13,345	7,913	47,316	.....	8,420	238	66,800	2,218	181,091	112,073	88	40	12	.....	36	.....	177
240,500	413,585	769,958	1,743	54,092	66,969	7,352,433	202,062	10,855,242	3,297,847	6,479	5,709	130	25	618	8,283	177
371,799	175,251	1,709,004	11,488	22,757	63,091	6,307,820	873,439	10,981,431	3,750,160	29,095	24,248	1,205	3,302	850	2,403	178
180,819	92,234	475,467	.....	38,076	82,178	2,863,542	51,784	4,673,513	1,758,187	2,302	1,816	147	.....	399	1,109	179
311,021	332,447	373,560	1,047	42,322	33,875	1,914,127	63,305	5,001,735	3,024,304	1,894	1,447	114	.....	243	313	180
107,947	99,121	727,168	11,024	46,497	17,418	2,350,332	190,944	4,434,259	1,892,983	8,755	7,788	350	.....	617	1,358	181
552,936	556,990	4,000,590	36,394	737,409	77,052,827	77,052,827	2,808,733	90,870,993	11,485,433	26,498	22,834	3,004	.....	7,553	182	182
10,900	4,357	32,464	550	3,960	209	21,934	1,402	83,438	60,102	50	.....	.....	.....	50	.....	.....
5,820	1,110	48,256	2,400	5,100	1,070	38,684	1,542	120,900	80,674	75	.....	74	.....	1	.....	184
37,324	39,096	209,112	1,018	10,775	6,395	1,201,769	27,070	2,202,394	882,919	.....	603	21	.....	153	563	185
419,482	237,288	3,583,327	8,186	10,565	60,567	1,555,275	565,525	7,897,709	5,716,909	3,724	2,816	84	.....	824	937	186
387,501	213,875	3,414,225	2,493	10,155	61,862	1,534,205	544,720	7,503,065	5,424,674	3,421	2,723	39	.....	654	937	187
31,981	23,413	169,102	5,693	410	4,695	51,010	20,799	364,044	292,235	303	88	45	.....	170	.....	188
212,361	149,822	1,092,477	47,042	111,877	18,898	1,541,576	70,371	4,201,465	2,079,518	2,023	415	174	.....	1,434	341	189
201,441	141,373	1,057,049	34,943	107,500	17,762	1,515,872	67,168	4,150,170	2,567,140	1,953	415	174	.....	1,364	341	190
9,120	8,249	34,648	3,129	3,977	1,093	25,584	3,213	123,727	94,030	70	.....	.....	.....	70	.....	191
1,800	200	780	8,970	340	38	.....	.....	17,568	17,448	.....	.....	.....	.....	.....	.....	192
447,206	905,502	2,070,626	204,364	151,584	45,671	1,709,736	115,976	7,413,284	5,687,572	3,632	870	435	30	2,297	447	193
194,254	574,160	737,586	613	51,233	21,832	689,014	35,044	2,019,807	2,195,800	1,320	605	3	.....	721	415	194
231,773	293,475	1,335,646	123,742	91,940	23,413	989,806	80,636	4,148,715	3,079,273	2,302	265	432	30	1,575	32	195
21,179	37,807	3,396	140,000	8,411	426	31,916	296	344,702	312,490	1	.....	.....	.....	1	.....	196

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

Table with columns: INDUSTRY, Number of establishments, PERSONS ENGAGED IN THE INDUSTRY (Total, Proprietors and firm members, Salaried officers, superintendents, and managers, Clerks, etc., Wage earners), WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY (Total, 16 and over, Under 16), Capital.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Main data table listing various industries (e.g., Regalia and society badges, Roofing materials, Rubber goods, Sausage, Scales and balances, Shipbuilding, etc.) with their respective statistics.

Table listing 'All other industries' such as Cardboard, Aeroplanes and parts, Ammunition, Asbestos products, Babbit metal and solder, Bags, other than paper, Baking powders, etc., with their respective statistics.

1 Owned power only.

2 Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$8,450	\$1,510	\$34,307	\$4,500	\$1,000	\$300	\$32,041	\$1,471	\$107,822	\$74,310	37	9	28	197
70,748	104,009	242,793	37,392	3,152	14,025	1,107,757	37,950	2,172,899	1,027,100	1,120	1,031	12	169
697,385	1,101,808	3,680,048	100	17,286	89,824	14,698,077	474,300	25,453,216	10,285,749	22,214	10,986	95	5,623
6,518	2,170	63,063	100	13,165	333	114,803	1,424	271,535	155,748	28	7	21	200
4,120	17,938	117,137	16,870	2,058	965,682	13,876	1,299,133	280,574	482	207	54	221	28
41,700	60,898	158,008	656	5,540	2,010	185,582	6,438	573,108	431,148	241	55	117	69
260,352	394,134	3,740,073	1,859	32,512	898	4,439,115	117,145	9,292,706	4,730,446	8,616	8,068	548	4,500
100,836	61,850	910,935	30,940	22,453	2,453	2,508,259	32,704	1,488,225	2,508,225	3,328	2,565	194	614
53,070	8,540	345,268	1,859	3,602	6,735	344,444	10,278	950,097	505,975	1,855	1,490	288	77
33,895	39,265	409,730	1,859	18,035	12,990	416,607	12,970	1,055,793	626,510	1,016	826	115	75
22,355	14,045	164,031	1,859	14,403	2,728	280,279	9,750	501,769	265,740	467	240	166	42
115,237	254,006	1,335,257	538,191	70,042	13,515	2,515,556	30,741	5,593,057	3,047,809	751	310	92	340
165,990	211,903	531,087	112,710	20,672	10,409	605,267	19,226	2,147,309	1,456,876	582	300	56	160
1,407,438	1,449,397	14,800,351	5,823,037	687,152	193,158	40,253,178	629,687	75,706,449	34,823,594	21,218	12,519	3,915	2,931
1,341,796	1,419,394	13,941,795	5,647,817	620,335	179,802	37,503,203	540,314	71,340,048	33,290,631	18,338	10,788	3,375	2,670
65,642	30,003	858,550	175,700	60,817	13,856	2,740,075	89,873	4,305,801	1,520,953	2,880	1,733	85	492
117,310	170,501	881,078	18,472	38,486	10,298	1,221,335	30,374	2,883,638	1,631,920	1,525	950	312	263
215,355	333,890	1,471,679	88,063	103,181	64,080	35,124,031	180,248	35,800,339	3,409,060	6,597	5,743	236	618
207,116	442,509	2,247,299	960	197,662	152,736,777	1,126,058	159,198,876	5,336,041	42,735	39,000	100	2,945	1,281
310,171	878,126	1,199,700	62,000	135,605	10,579,704	180,113	16,692,406	6,932,520	4,276	8,584	37	692	8,094
30,030	11,880	64,013	4,400	1,052	262,471	3,975	443,553	177,407	177,407	90	90	37	1,347
16,035	20,004	71,060	690	7,196	1,212	64,476	3,153	290,740	223,111	54	42	12	218
182,076	104,687	1,143,754	1,300	12,201	19,819	1,413,588	59,083	3,559,821	2,080,570	1,681	1,245	184	252
2,252	37,293	1,566	4,344	7,867	34,302	657,550	838	80,054	58,474	8	8	8	11
50,192	75,177	420,607	15,000	4,344	7,867	657,550	34,302	1,721,798	1,020,946	960	523	60	348
9,780	39,674	500	2,280	92	20,051	3,172	83,320	60,106	60,106	51	2	49	222
104,231	142,832	850,908	1,725	13,413	608,023	34,052	2,205,316	1,622,641	1,012	896	590	116	608
233,413	257,514	1,772,597	130,477	30,803	36,170	4,835,138	80,485	8,005,520	3,179,897	4,470	3,057	530	3,812
112,382	108,008	697,012	3,000	55,230	1,055,011	204,608	5,071,299	2,911,650	3,409	3,384	10	25	2,008
22,269	15,018	108,761	3,640	3,701	321,180	4,740	551,802	225,873	219	190	37	19	122
103,096	83,982	638,851	2,662	27,339	3,460,947	40,300	4,847,707	1,337,454	1,340	830	37	473	405
654,247	1,577,950	5,392,998	3,161	141,302	7,574,226	17,392,020	101,563	39,695,997	22,292,414	4,605	3,206	21	711
131,410	121,661	606,462	457	20,205	13,820	746,122	62,418	2,021,808	1,213,328	2,002	903	778	321
7,780	1,756	6,877	168	340	14,058	884	31,178	19,236	83	25	15	43	230
130,639	110,905	659,585	457	20,037	13,480	732,964	61,534	1,987,650	1,194,092	1,919	878	763	278
38,136	11,400	163,748	5,520	8,659	1,436	229,067	6,110	641,290	414,213	121	12	64	911
64,257	42,603	481,128	2,891	40,436	14,251	981,030	19,110	2,070,702	1,079,562	988	830	27	131
108,073	92,135	269,096	10,675	7,363	498,575	11,068	1,230,349	725,800	803	560	52	101	260
45,000	107,376	2,273	14,167	11,633	1,184,676	20,517	1,811,130	599,937	1,278	933	85	200	80
812,931	461,612	300,918	10,931	36,204	2,354,453	31,464	5,233,475	2,847,558	1,026	830	52	144	360
2,311	1,161	16,514	723	1,421	135,213	1,680	200,851	60,958	376	156	115	8	237
146,557	188,526	593,675	3,938	23,245	22,289	1,719,517	80,193	3,424,061	1,665,351	1,639	1,540	99	780
37,439	21,076	137,293	397	21,500	4,614	392,455	18,347	762,800	352,067	1,419	1,325	30	64
2,642	766	15,500	830	180	25,266	935	49,069	23,768	23,768	23	23	23	283
21,390	29,716	249,082	2,350	2,896	6,030	608,310	17,940	1,005,621	379,371	338	365	10	13
121,538	95,464	604,915	556	68,388	11,843	1,469,682	41,174	2,654,257	1,143,401	1,633	1,218	159	256
7,701	1,983	61,413	3,286	1,268	58,685	8,608	212,304	118,011	425	180	33	26	5
5,640	1,802	25,029	500	4,360	336	34,331	1,443	94,396	58,622	53	4	19	20
518,847	521,277	6,297,033	41,324	11,804	170,586	22,241,831	440,789	35,738,863	13,047,233	24,409	122,953	773	578
4,130,036	6,124,829	31,507,792	119,951	436,102	1,078,850	137,343,882	5,134,415	221,641,635	79,163,238	117,134	104,098	4,302	7,746

Lasts.....	3	Oleomargarine.....	2	Pumps, steam and other power.....	3	Surgical appliances.....	11
Linen goods.....	4	Paper patterns.....	3	Refrigerators.....	4	Tin foil.....	1
Lithographing.....	6	Pencils, lead.....	4	Sales.....	1	Type founding.....	2
Locomotives, not made by railroad companies.....	2	Pens, fountain and stylographic.....	3	Sand-lime brick.....	3	Umbrellas and canes.....	5
Lubricating greases.....	5	Pens, gold.....	1	Saws.....	1	Vault lights and ventilators.....	2
Matches.....	1	Pens, steel.....	3	Screws, machine.....	2	Washing machines and clothes wringers.....	1
Mats and matting.....	1	Perfumery and cosmetics.....	12	Sewing machines.....	2	Waste.....	4
Motorcycles, bicycles, and parts.....	1	Photographs and graphophones.....	3	Show cases.....	1	Watch materials.....	2
Mutillage and paste.....	5	Photographic materials.....	4	Smelting and refining, zinc.....	1	Watchcases.....	6
Musical instruments, organs.....	3	Pipes, tobacco.....	5	Smelting and refining, not from the ore.....	7	Watches.....	3
Musical instruments, piano materials.....	13	Plated ware.....	5	Springs, steel, car and carriage.....	5	Wheelbarrows.....	1
Nets and seines.....	1	Plumbers' supplies, not elsewhere specified.....	9	Stationary goods, not elsewhere specified.....	6	Wire.....	9
Oakum.....	1	Pocketbooks.....	1	Steam packing.....	13	Wood preserving.....	3
Oil, cottonseed, and cake.....	2	Printing and publishing, music.....	2	Stencils and brands.....	1	Wool pulling.....	1
Oil, essential.....	3	Printing materials.....	1	Stoves, gas and oil.....	5	Wool scouring.....	1
Oil, linseed.....	1	Pumps, not including power pumps.....	1	Sugar, refining.....	2	Wool shoddy.....	3

* Same number reported for one or more other months.

4 Same number reported throughout the year.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.		Clerks, etc.		Wage earners.		Total.	16 and over.			Under 16.	
				Male.	Female.	Average number.	Number, 15th day of—		Male.		Female.	Male.		Female.	
							Maximum month.	Minimum month.							

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

1 ATLANTIC CITY—All industries	107	1,234	96	55	114	51	918	Jy 1,126	Ja 775	850	821	37	1	.....	\$7,351,187
2 Bread and other bakery products	23	175	24	2	18	14	117	Jy 108	Ja 84	109	98	11	.....	.....	343,221
3 Confectionery and ice cream	5	54	6	3	8	11	20	Au 50	Do 14	15	14	1	.....	.....	130,707
4 Copper, tin, and sheet-iron work	6	28	7	.....	.....	2	19	My 23	So 15	21	21	.....	.....	.....	12,010
5 Foundry and machine-shop products	11	72	11	3	5	.....	53	Jy 62	Do 45	45	41	.....	1	.....	78,923
6 Ice, manufactured	4	70	.....	5	4	1	60	Au 85	No 42	61	61	.....	.....	.....	939,250
7 Printing and publishing	22	215	21	13	30	12	139	Au 174	Ja 95	144	130	14	.....	.....	112,584
8 Shipbuilding, wooden, including boat building	4	16	3	1	.....	1	11	Jo 18	Do 5	12	12	.....	.....	.....	49,207
9 Tobacco, cigars	3	6	3	.....	.....	.....	2	(*)	(*)	2	2	.....	.....	.....	10,120
10 All other industries*	20	599	21	28	49	10	491	.....	.....	450	439	11	.....	.....	6,274,295

*All other industries embrace—
 Awnings, tents, and sails..... 4 Cars and general shop construction and repairs by electric-railroad companies..... 1 Cars and general shop construction and repairs by steam-railroad companies..... 1 Coffee, roasting and grinding..... 1
 Carriages, wagons, and repairs..... 2 Electroplating..... 2

1 BAYONNE—All industries	121	11,900	90	262	1,120	278	10,150	Ja 10,780	Au 9,322	10,041	8,981	996	30	34	\$92,751,853
2 Bread and other bakery products	19	125	23	.....	.....	11	91	Do 97	Ja 82	97	99	1	.....	.....	122,588
3 Clothing, women's	8	86	12	.....	.....	.....	74	My 120	Ja 45	97	23	74	.....	.....	24,952
4 Foundry and machine-shop products	7	1,022	6	14	276	36	600	Ja 821	Do 543	543	533	.....	.....	.....	11,436,172
5 Printing and publishing	11	54	9	1	12	4	28	Do 20	Ja 27	29	24	.....	1	.....	73,149
6 All other industries*	76	10,613	40	247	832	227	9,267	.....	.....	9,275	8,291	921	29	34	81,094,992

*All other industries embrace—
 Artificial stone products..... 2 Cars and general shop construction and repairs by steam-railroad companies..... 1 Electrical machinery, apparatus, and supplies..... 2 Hats and caps, other than felt, straw, and wool..... 2
 Automobile bodies and parts..... 1 Chemicals..... 1 Fancy articles, not elsewhere specified..... 1 Hosiery and knit goods..... 2
 Boxes, wooden packing..... 1 Clothing, men's..... 1 Food preparations, not elsewhere specified..... 2 Iron and steel, steel works and rolling mills..... 1
 Brass and bronze products..... 1 Cooperage..... 2 Furniture..... 1 Iron and steel, bolts, nuts, washers, and rivets..... 1
 Carriage and wagon materials..... 1 Copper, tin, and sheet-iron work..... 2 Gas and electric fixtures..... 2
 Carriages, wagons, and repairs..... 3 Dyeing and finishing textiles..... 1

1 CAMDEN—All industries	345	25,768	253	528	1,890	576	22,541	Mh 23,143	Do 22,134	22,515	18,391	3,982	52	90	\$101,461,006
2 Boots and shoes, including cut stock and findings	12	519	15	18	6	8	472	Ja 494	Jo 444	495	200	192	2	6	416,416
3 Bread and other bakery products	53	323	50	8	2	14	254	So 257	Ja 250	255	241	14	.....	.....	358,853
4 Carriages, wagons, and repairs	4	57	7	1	1	1	43	Ap. 57	No 41	42	42	.....	.....	.....	55,048
5 Confectionery and ice cream	14	330	16	8	18	7	340	.....	.....	305	115	183	4	3	64,166
6	11	379	11	8	18	7	335	No 424	Jy 277	309	110	183	4	3	633,113
7	3	10	6	.....	.....	.....	5	Jy 10	Do 1	5	5	.....	.....	.....	11,050
8 Copper, tin, and sheet-iron products	16	176	17	11	5	4	139	So 150	Ja 121	138	138	.....	.....	.....	210,104
9 Foundry and machine-shop products	21	1,317	6	29	99	15	1,168	Au 1,249	Do 969	1,202	1,197	.....	5	.....	3,266,224
10 Ice, manufactured	4	48	.....	5	2	.....	41	Jy 50	No 34	42	42	.....	.....	.....	116,450
11 Leather, tanned, curried, and finished	5	1,479	.....	18	100	7	1,354	Mh 1,606	Do 1,092	1,094	1,091	.....	3	.....	5,041,020
12 Lumber, planing-mill products	7	209	2	13	12	8	174	Oo 184	Jy 166	178	178	.....	.....	.....	362,801
13 Mineral and soda waters	9	55	9	1	1	1	43	Au 47	Ja 41	42	42	.....	.....	.....	114,371
14 Printing and publishing, book and job	24	122	26	3	4	12	77	Oo 99	Jo 70	80	69	7	2	2	122,078
15 Printing and publishing, newspapers and periodicals	13	133	7	7	8	6	105	So 109	Jy 99	107	102	4	1	.....	271,648
16 Soap	4	341	.....	12	102	20	207	No 223	Ja 180	210	152	57	.....	1	901,639
17 Worsted goods	4	1,126	7	21	10	4	1,034	Jy 1,161	Ja 955	985	344	630	7	4	2,898,006
18 All other industries*	155	19,469	91	374	1,490	469	17,035	.....	.....	17,370	14,372	2,895	28	75	86,713,181

*All other industries embrace—
 Artificial stone products..... 2 Canning and preserving, fruits and vegetables..... 1 Clothing, men's..... 1 Electrical machinery, apparatus, and supplies..... 1
 Automobile bodies and parts..... 1 Carpets, rag..... 1 Clothing, women's..... 1 Engraving, steel and copper plate, including plate printing..... 1
 Awnings, tents, and sails..... 2 Cars and general shop construction and repairs by electric-railroad companies..... 1 Coffee, roasting and grinding..... 1 Engraving, steel and copper plate, including plate printing..... 1
 Bluing..... 1 Cars and general shop construction and repairs by steam-railroad companies..... 1 Cooperage, not including gas-house coko..... 1 Fertilizers..... 1
 Bone carbon, and lamp black..... 1 Cans and general shop construction and repairs by steam-railroad companies..... 2 Cotton, cutting..... 1 Flavoring extracts..... 1
 Bookbinding and blank-book making..... 1 Chemicals..... 1 Cotton small wares..... 1 Flour-mill and gristmill products..... 3
 Boxes, fancy and paper..... 2 Cleansing and polishing preparations..... 1 Drug grinding..... 1 Food preparations, not elsewhere specified..... 3
 Brass and bronze products..... 1 Brick and tile (building brick)..... 3 Dyeing and finishing textiles..... 3 Furniture..... 1
 Brooms..... 1 Buttons..... 2 Dyestuffs and extracts..... 1 Gas and electric fixtures..... 2
 Candles..... 1 Clothing, horse..... 1 Gas, illuminating and heating..... 2
 Class..... 3

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.								POWER.							
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.	
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

\$99,030	\$114,604	\$614,230	\$8,574	\$60,012	\$50,521	\$1,181,030	\$230,134	\$2,071,065	\$1,558,095	2,521	1,508	103	.....	790	154	1
2,600	22,713	66,108	1,000	5,607	1,078	252,843	14,584	415,854	148,427	169	.....	80	.....	83	.....	2
3,770	10,000	17,405	890	1,625	1,632	80,310	2,802	160,598	77,485	143	.....	90	.....	23	34	3
.....	728	11,692	.....	1,548	37	17,600	60	35,282	17,002	.....	.....	.....	.....	.....	.....	4
5,712	2,256	37,123	185	2,070	881	33,902	1,847	104,580	68,840	50	.....	32	.....	18	.....	5
5,950	3,385	34,325	2,298	.....	3,754	13,406	31,580	146,155	101,100	905	905	.....	.....	.....	110	6
20,033	25,406	90,684	3,385	40,511	337	100,013	5,975	301,873	104,985	130	.....	.....	.....	130	.....	7
1,560	410	10,695	.....	234	234	17,054	565	27,786	10,167	15	.....	5	.....	10	.....	8
.....	.....	1,352	.....	390	510	2,278	72	6,035	3,685	.....	.....	.....	.....	.....	.....	9
50,306	49,694	344,655	816	7,331	41,722	663,630	172,640	1,772,913	936,634	1,100	573	10	.....	526	1	10

Furniture.....	1	Liquors, malt.....	1	Marble and stone work.....	2	Photo-engraving.....	1
Gas, illuminating and heating.....	1	Lumber, planing-mill products, not including planing mills connected with sawmills.....	1	Mineral and soda waters.....	4	Signs and advertising novelties.....	2
Japanning.....	1	.....	2	Paints.....	1	Slaughtering and meat packing.....	1
Jewelry.....	1	.....	2	.....	.....	.....	.....

\$982,016	\$1,580,476	\$0,774,315	\$270,013	\$58,734	\$787,871	\$75,242,148	\$2,466,520	\$08,234,245	\$20,525,571	33,323	29,747	2,044	.....	1,532	15,836	1
.....	3,034	74,882	.....	5,815	876	229,732	10,583	371,177	130,802	70	7	10	.....	53	.....	2
.....	98,131	453,295	28,127	2,172	90	30,824	904	78,100	40,372	22	.....	.....	.....	22	.....	3
1,610	7,153	24,676	4,548	3,946	44	15,874	2,104	75,872	57,334	57	.....	7	.....	50	.....	5
884,295	1,116,304	0,150,087	205,953	37,731	749,199	73,506,090	2,366,998	94,508,344	18,034,350	20,708	26,309	2,005	.....	1,394	11,927	6

Iron and steel, doors and shutters.....	1	Models and patterns.....	1	Silk goods, including throwsters.....	2	Thware, not elsewhere specified.....	2
Lumber, planing-mill products, not including planing mills connected with sawmills.....	4	Oil, cottonseed, and cake.....	1	Smelting and refining, not from the ore.....	1	Tobacco, cigars.....	4
Matresses and spring beds.....	4	Oil, essential.....	1	Soap.....	1	Tools, not elsewhere specified.....	2
Millinery and lace goods, embroideries.....	3	Patent medicines and compounds.....	2	Steam packing.....	1	Trunks and valises.....	1
Mineral and soda waters.....	4	Petroleum, refining.....	4	Sulphuric, nitric, and mixed acids.....	2	.....	.....
Minerals and earths, ground.....	1	Shipbuilding, wooden, including boat building.....	2	Suspensers, garters, and elastic woven goods.....	2	.....	.....
.....	.....	Shirts.....	2	.....	.....	.....	.....

\$1,786,107	\$2,137,310	\$12,078,012	\$55,718	\$309,219	\$548,510	\$34,148,583	\$1,945,190	\$71,823,905	\$35,730,132	30,070	32,206	2,162	.....	5,212	19,358	1
21,424	9,094	236,121	12,512	4,120	1,972	584,056	5,340	970,070	380,074	208	113	28	.....	07	.....	2
10,080	7,738	153,490	.....	14,628	3,516	533,927	20,078	875,600	320,095	172	.....	3	.....	169	.....	3
15,399	14,524	107,073	200	11,024	1,629	338,485	11,801	722,070	321,784	355	90	12	.....	253	42	5
15,399	14,524	105,460	.....	10,184	1,625	368,420	11,310	691,270	311,531	338	90	.....	.....	248	42	6
.....	.....	2,207	200	840	4	20,065	482	30,800	10,253	17	.....	12	.....	5	.....	7
14,787	6,748	87,983	.....	4,984	621	103,500	4,234	277,000	169,056	137	25	79	.....	33	1	8
63,572	107,756	678,214	1,022	5,425	13,615	1,845,420	72,797	2,598,141	1,179,024	1,522	390	777	.....	355	2,000	9
6,656	2,070	21,044	.....	7,000	8,693	3,585	81,236	111,281	76,460	730	730	.....	.....	43	.....	10
91,599	83,743	755,498	21,823	15,900	5,243,018	62,452	7,733,353	2,427,888	3,070	3,000	360	.....	.....	10	2,035	11
14,685	4,865	101,302	.....	6,662	1,093	258,631	5,897	427,704	103,176	662	570	.....	.....	122	47	12
1,250	937	25,648	.....	866	1,468	54,047	1,347	128,312	72,918	54	28	4	.....	22	.....	13
3,340	5,806	41,112	630	3,743	459	38,244	3,215	131,402	90,003	92	.....	12	.....	80	.....	14
15,840	12,040	80,184	8,087	960	1,387	70,007	3,814	242,205	168,474	136	65	.....	.....	71	.....	15
40,880	150,642	102,338	.....	300	7,408	740,715	11,068	1,310,210	548,527	319	810	.....	.....	.....	176	16
67,450	19,710	334,550	6,300	.....	7,088	1,951,036	38,276	2,709,248	719,376	3,015	2,900	90	.....	25	167	17
1,410,225	1,704,307	10,217,409	5,135	240,694	483,423	22,788,587	1,670,181	63,486,847	29,023,079	28,182	23,466	797	.....	3,019	13,347	18

Glass, cutting, staining, and ornamenting.....	2	Millinery and lace goods.....	2	Perfumery and cosmetics.....	1	Signs and advertising novelties.....	1
Hosiery and knit goods.....	3	Minerals and earths, ground.....	1	Photographs and graphophones.....	1	Silk goods, including throwsters.....	1
House-furnishing goods, mats and dusters.....	1	Models and patterns.....	3	Photo-engraving.....	1	Silversmithing and silverware.....	1
Instruments, professional and scientific.....	1	Marble and stone work.....	3	Pipes, tobacco.....	1	Slaughtering and meat packing.....	3
Iron and steel forgings.....	2	Mucilage and paste.....	1	Pottery.....	1	Steam packing.....	3
Iron and steel, nails and spikes, cut and wrought, including wire nails.....	1	Musical instruments and materials, not specified.....	2	Regalia and society badges and emblems.....	1	Stencotyping and electrotyping.....	1
Lime.....	1	Oilcloth and linoleum, floor.....	2	Roofing materials.....	3	Tobacco, cigars.....	15
Liquors, malt.....	1	Optical goods.....	1	Sausage.....	1	Varnishes.....	4
Lithographing.....	1	Paints.....	3	Scales and balances.....	1	Window shades and fixtures.....	1
Matresses and spring beds.....	1	Paper and wood pulp.....	1	Shipbuilding, iron and steel.....	2	Wirework.....	1
.....	.....	Paper goods, not elsewhere specified.....	1	Shipbuilding, wooden, including boat building.....	10	Wool scouring.....	1
.....	.....	Patent medicines and compounds.....	4	Shirts.....	1	.....	.....
.....	.....	Pens, steel.....	2	.....	.....	.....	.....

* Same number reported for one or more other months.

* Same number reported throughout the year.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.		Total.	10 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.							Minimum month.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.

1	ELIZABETH—All industries	184	14,290	131	208	812	185	12,870	Ja	14,257	No	11,054	11,230	9,400	1,709	7	27	\$32,223,917
2	Artificial stone products.....	4	10	2	1	1	7	Mh ³	8	Ja ³	6	9	9					21,435
3	Bread and other bakery products....	39	176	39	3	15	118	Jh	124	Ja ³	114	119	114	4	1			202,093
4	Carriages, wagons, and repairs.....	10	51	15	1	1	35	Mh ³	37	Se ³	33	34	34					73,387
5	Chemicals.....	8	240	1	11	33	191	Ap	208	No	152	205	204	1				1,551,195
6	Clothing, men's.....	3	149	4	2	2	143	Fo	165	Au	114	163	12	146				10,000
7	Foundry and machine-shop products	24	1,067	15	42	113	21	876	Ja	962	No	795	800	708	1	1		3,102,104
8	Lumber, planing-mill products.....	7	101	4	9	4	80	Oc	87	Ja	74	82	82					260,596
9	Oil, not elsewhere specified.....	6	233	1	32	71	12	117	Jy	127	Oc	107	115	115				2,317,486
10	Printing and publishing.....	14	540	10	13	107	22	388	Ja	443	Do	290	426	349	76	1		1,055,639
11	All other industries*.....	69	11,729	40	186	481	107	10,915				9,201	7,779	1,481	4	27		23,639,412

* All other industries embrace—	Cars and general shop construction and repairs by steam-railroad companies.....	1	Copper, tin, and sheet-iron work.....	2	Files.....	2
Artists' materials.....	1	Dairymen's, poultrymen's, and apiarists' supplies.....	1	Food preparations, not elsewhere specified.....	1	
Awnings, tents, and sails.....	2	Electrical machinery, apparatus, and supplies.....	3	Gas, illuminating and heating.....	1	
Belting, leather.....	1	Fancy articles, not elsewhere specified.....	1	Hand stamps.....	1	
Boot and shoe cut stock.....	1	Fertilizers.....	1	Hosiery and knit goods.....	1	
Brass and bronze products.....	1			Ice, manufactured.....	1	

1	HOBOKEN—All industries	258	10,756	227	320	737	182	9,200	My	9,727	Fe	9,007	9,474	6,912	2,453	41	68	\$19,771,190
2	Bread and other bakery products....	36	493	38	5	11	7	432	Ja	447	Se	414	450	432	18			1,116,039
3	Carriages, wagons, and repairs.....	6	28	9				19	Jo ³	21	Fe ³	17	18	18				63,600
4	Clothing, women's.....	20	568	31	9	12	4	452	Mh	530	Jy	337	404	118	307		0	195,378
5	Foundry and machine-shop products	24	1,005	8	48	60	10	873	My	961	Fe	802	848	848				1,983,490
6	Furniture.....	6	636	3	14	43	0	567	Do	655	Ja	408	655	640	5	10		1,304,566
7	Lumber and timber products.....	7	137	4	5	5	2	121	Fe	130	My ³	115	116	116				226,148
8	Mineral and soda waters.....	5	23	5				18	Je ³	21	Ja ³	16	16	16				26,271
9	Patent medicines and compounds and druggists' preparations.....	7	36	5	5	5	7	14	Se ³	15	Ja ³	13	14	0	5			64,674
10	Printing and publishing.....	18	336	18	12	85	32	180	No	201	Jy	180	195	150	32	1	3	729,587
11	All other industries*.....	120	7,554	106	222	510	111	6,605				6,668	4,556	2,026	30	56		14,011,548

* All other industries embrace—	Coffins, burial cases, and undertakers' goods.....	1	Flavoring extracts.....	1	Ice, manufactured.....	1	
Automobile bodies and parts.....	2	Confectionery and ice cream.....	4	Food preparations, not elsewhere specified.....	3	Ink, printing.....	2
Awnings, tents, and sails.....	2	Cooperage.....	5	Furs, dressed.....	1	Instruments, professional and scientific	2
Baking powders.....	1	Copper, tin, and sheet-iron work.....	4	Gas and electric fixtures.....	2	Lamps and reflectors.....	1
Baskets, and rattan and willow ware.....	2	Cork cutting.....	2	Gas, illuminating and heating.....	1	Leather goods.....	1
Boxes, fancy and paper.....	2	Dyeing and finishing textiles.....	3	Hats and caps, other than felt, straw, and wool.....	1	Leather, tanned, curried, and finished	1
Brass and bronze products.....	5	Electrical machinery, apparatus, and supplies.....	4	Hats, fur-felt.....	1	Looking-glass and picture frames.....	1
Buttons.....	3	Fancy articles, not elsewhere specified.....	2	Hats, straw.....	4	Marble and stone work.....	2
Chemicals.....	1	Feathers and plumes.....	1			Mattresses and spring beds.....	2
Chocolate and cocoa products.....	1					Millinery and lace goods.....	2
						Mirrors.....	1

1.	JERSEY CITY—All industries ...	770	37,338	652	922	3,686	1,057	31,021	Mh	32,253	Do	28,958	30,128	21,138	8,752	75	163	\$150,782,931
2	Automobile repairing.....	25	80	25	1	1	1	52	Ja ³	54	My ³	51	51	51				59,290
3	Blacking, stains, and dressings.....	3	19	1	4	5		9	Fe	10	Do	8	10	7	3			33,334
4	Boxes, fancy and paper.....	7	500	4	14	24	7	451	No	480	Jy	426	467	164	300		3	513,063
5	Boxes, wooden packing.....	4	798		16	29	7	746	Jy	809	Fe	673	719	605	91	0	17	1,461,685
6	Brass and bronze products.....	10	383	5	21	32	3	322	Jy ³	347	Do	281	314	204	1	19		1,188,312
7	Bread and other bakery products....	109	856	104	9	88	22	633	Oc	652	Mh ³	620	650	585	65			1,322,791
8	Carriages, wagons, and repairs.....	22	155	24	2	3	1	125	Oc	142	Fe	104	129	129				198,672
9	Cars and general shop construction and repairs by steam-railroad companies.....	3	1,254		30	130	0	1,088	Fe	1,146	Au	1,059	1,080	1,080				1,021,517
10	Chemicals.....	5	379		22	18	5	334	Au	300	Ap	270	322	306	16			1,811,096
11	Clothing, women's.....	31	589	56	6	7	3	517					536	272	259	1	4	120,569
12	Regular factories.....	10	193	17	2	1	1	173	Se	204	Do	143	141	73	67	1		28,379
13	Contract work.....	21	396	30	6	5	2	344	No	463	Je	222	395	199	192		4	92,210
14	Confectionery and ice cream.....	10	541	4	17	31	10	479					530	277	252		1	1,002,273
15	Confectionery.....	5	485	1	12	26	10	436	No	585	Je	349	467	215	251		1	953,911
16	Ice cream.....	5	56	8	5	5		43	Je	70	Ja	17	63	62	1			48,362
17	Cooperage and wooden goods, not elsewhere specified.....	6	235	2	13	4	3	213	Se	223	Fe	202	215	215				423,228
18	Copper, tin, and sheet-iron work.....	23	604	19	25	34	6	520	My	620	Au	407	613	611		2		845,851
19	Dyeing and finishing textiles.....	8	120	7	2	8	3	100	Ap ³	103	Ja	95	101	93	8			153,656
20	Electrical machinery, apparatus, and supplies.....	10	1,109	7	16	190	81	865	Se	915	Jy	830	852	695	156		1	2,528,892
21	Foundry and machine-shop products.....	46	1,284	29	74	147	37	997					1,005	1,004		1		3,683,185
22	Foundries.....	6	173	3	8	3	4	155	Do	165	Fe	148	161	161				105,774
23	Machine shops.....	40	1,111	26	66	144	33	342	Je	914	Se	798	844	843		1		3,577,411
24	Furniture and refrigerators.....	9	500	6	8	21	8	517	Mh	560	Jy	432	542	530	12			1,043,010
25	Hosiery and knit goods.....	13	346	14	6	6	7	313	Oc	352	Fe	285	311	107	193		10	533,206

1 Owned power only.

* Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Primary horsepower.				Electric horsepower generated in establishments reporting.			
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.		Steam engines. ¹			Internal-combustion engines. ²		Water wheels and motors. ¹	Electric (rented).	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$409,370	\$1,053,424	\$8,107,508	\$60,523	\$70,352	\$417,614	\$15,631,934	\$675,200	\$31,228,181	\$14,921,047	25,520	22,560	743	.....	2,217	16,413	1
.....	400	4,315	500	400	105	7,719	100	16,099	8,241	3	.....	3	.....	.....	.....	2
2,900	5,205	94,441	135	10,071	1,778	303,575	14,755	504,075	185,746	92	10	3	.....	70	.....	3
.....	982	24,603	560	1,344	834	22,470	1,391	72,400	48,620	36	5	4	.....	27	.....	4
30,600	30,358	130,782	.....	0,407	0,407	321,141	46,808	748,332	380,358	903	608	42	.....	258	395	5
1,924	.....	44,003	3,100	1,970	42	21,150	1,523	80,735	58,058	43	.....	6	.....	42	.....	6
104,848	152,305	630,226	973	2,570	21,618	750,480	43,103	2,029,657	1,227,071	1,755	1,405	224	.....	126	855	7
6,630	3,808	59,280	.....	800	1,978	139,597	2,726	247,598	105,275	771	730	12	.....	29	.....	8
134,368	123,411	97,059	.....	4,950	16,917	2,091,284	14,703	3,100,482	994,415	461	200	260	.....	1	.....	9
29,928	80,470	375,581	10,163	7,762	6,786	342,645	12,110	1,032,535	707,774	931	800	6	.....	125	508	10
549,172	647,355	0,727,498	45,002	45,405	362,704	11,022,873	537,000	23,366,235	11,205,463	20,520	18,802	183	.....	1,535	14,655	11

Jewelry.....	1	Models and patterns, not including paper patterns.....	1	Saws.....	1	Tobacco, cigars.....	9
Leather, tanned, curried, and finished	2	Paper and wood pulp.....	1	Sewing machines.....	1	Tools, not elsewhere specified.....	9
Liquors, malt.....	2	Pottery.....	1	Shipbuilding, iron and steel.....	1	Upholstering materials, not elsewhere specified.....	1
Marble and stone work.....	2	Rubber goods, not elsewhere specified	1	Shirts.....	3	Window and door screens.....	1
Mattresses and spring beds.....	1	Saddlery and harness.....	1	Signs and advertising novelties.....	1	Wire.....	1
Mineral and soda waters.....	3	Sausage.....	2	Steam packing.....	1		
Minerals and earths, ground.....	2			Sulphuric, nitric, and mixed acids.....	1		

\$437,874	\$930,348	\$5,008,108	\$324,218	\$320,203	\$301,822	\$10,350,414	\$355,936	\$23,461,298	\$12,754,948	14,429	10,410	341	.....	3,078	2,050	1
16,132	12,634	340,103	315	24,877	20,327	752,441	34,101	1,003,004	817,032	645	470	6	.....	169	157	2
.....	11,772	11,772	500	1,644	1,330	15,430	986	44,825	28,362	21	.....	12	.....	9	.....	3
10,460	13,804	177,256	790	11,022	282	271,302	5,164	654,829	378,163	61	.....	.....	.....	61	.....	4
129,569	74,113	680,563	186,740	52,213	23,029	709,742	38,206	2,172,029	1,428,001	1,353	633	33	.....	632	90	5
47,315	61,826	361,230	3,180	3,869	3,869	532,206	15,117	1,384,299	830,916	1,507	1,480	15	.....	12	726	6
7,100	5,704	83,407	6,539	8,840	873	129,000	4,861	264,051	129,281	257	170	.....	.....	87	.....	7
.....	13,380	13,380	.....	746	483	15,861	889	49,845	33,005	23	.....	4	.....	19	.....	8
13,880	0,277	7,734	1,747	5,130	550	51,641	1,333	130,433	77,559	11	10	.....	.....	1	.....	9
36,088	100,877	137,900	23,402	6,898	3,172	195,107	10,159	302,208	506,942	287	.....	.....	.....	287	.....	10
571,270	652,403	3,845,763	104,125	205,713	243,104	7,676,765	250,030	16,355,372	8,425,577	10,264	7,597	266	.....	2,401	1,086	11

Models and patterns.....	1	Signs and advertising novelties.....	3	Statuary and art goods.....	1	Wall paper, not made in paper mills..	1
Paints.....	2	Silk goods, including throwsters.....	4	Steam packing.....	1	Wheelbarrows.....	1
Paper and wood pulp.....	1	Slaughtering and meat packing.....	2	Stoves and hot-air furnaces.....	1	Wood, turned and carved.....	2
Penicils, lead.....	1	Smelting and refining, not from the ore	1	Surgical appliances.....	1		
Pickles, preservatives, and sauces.....	1	Soap.....	1	Tin foil.....	1		
Sausage.....	1	Soda-water apparatus.....	2	Tobacco, cigars and cigarettes.....	13		
Shipbuilding, iron and steel.....	1	Sporting and athletic goods.....	1	Tools, not elsewhere specified.....	2		
Shipbuilding, wooden, including boat building.....	1	Stationery goods, not elsewhere specified.	1	Trunks and valises.....	1		
				Varnishes.....	2		

\$3,107,138	\$5,010,645	\$17,650,840	\$532,167	\$504,148	\$0,478,849	\$108,853,567	\$2,928,492	\$164,528,608	\$52,746,549	40,086	37,094	3,420	1	7,065	14,460	1
400	687	48,763	.....	6,704	309	35,522	1,650	137,605	100,433	102	.....	43	.....	59	.....	2
5,708	4,073	4,597	.....	3,000	223	35,526	247	53,687	17,914	17	15	.....	.....	2	.....	3
31,206	26,004	177,671	.....	4,800	4,336	217,905	16,436	550,655	316,314	629	530	.....	.....	99	10	4
49,197	44,293	304,761	28,006	6,300	10,832	779,036	9,549	1,406,445	617,860	1,007	979	.....	.....	28	849	5
67,213	32,422	214,963	44	1,938	8,279	1,030,679	35,424	2,101,306	435,293	586	240	79	.....	267	.....	6
15,846	78,822	456,114	.....	40,673	11,951	1,339,785	54,536	2,582,542	1,188,221	618	300	.....	.....	318	220	7
4,000	2,766	99,528	1,671	5,309	2,084	81,966	4,502	253,679	167,211	183	25	104	.....	54	8	8
41,655	92,638	774,063	.....	16,883	16,883	538,542	76,876	1,559,025	944,207	505	445	60	.....	241	9	9
87,610	18,701	244,193	.....	2,451	13,694	1,365,307	98,453	2,339,893	876,133	1,491	1,491	.....	.....	.....	5	10
7,920	13,481	284,849	2,182	14,109	158	141,532	5,562	523,166	376,072	75	.....	.....	.....	75	.....	11
.....	3,320	70,634	800	3,937	91	129,211	1,491	232,308	101,006	17	.....	.....	.....	17	.....	12
7,020	10,161	104,215	1,382	10,472	67	12,321	4,071	290,868	274,466	58	.....	.....	.....	58	.....	13
31,187	50,961	215,633	.....	19,649	5,556	1,153,719	21,824	1,585,841	410,208	697	495	6	.....	106	240	14
23,073	49,016	183,799	.....	14,809	6,171	1,030,015	19,264	1,410,206	352,017	557	390	.....	.....	167	236	15
7,214	1,905	29,834	.....	5,040	385	114,704	2,560	175,545	58,281	140	105	6	.....	20	4	16
27,468	4,920	130,585	.....	5,570	2,031	439,438	4,578	709,737	265,721	305	200	8	.....	97	.....	17
52,440	36,848	338,000	1,280	10,143	6,485	685,366	10,317	1,475,272	779,580	504	110	97	.....	297	.....	18
5,886	10,058	48,505	.....	1,060	1,341	231,210	6,530	320,597	91,857	183	134	24	.....	35	.....	19
52,825	219,508	490,149	1,250	34,000	16,721	1,382,315	24,163	2,557,323	1,150,845	873	770	70	.....	25	789	20
190,109	189,650	712,197	700	48,652	18,755	1,454,081	55,128	3,072,411	1,563,202	1,928	1,047	409	.....	472	330	21
15,240	5,520	101,657	700	7,006	826	89,686	18,490	270,810	162,034	128	.....	68	.....	60	.....	22
174,869	184,124	610,540	.....	41,046	17,929	1,364,395	36,638	2,801,601	1,400,568	1,800	1,047	341	.....	412	330	23
27,472	36,380	262,861	.....	4,940	5,248	546,103	13,773	1,207,472	647,536	632	610	.....	.....	22	18	24
11,957	13,161	212,586	1,630	6,288	2,258	218,571	4,431	632,305	400,303	151	65	20	.....	69	26	25

* Same number reported for one or more other months.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

Table with columns: INDUSTRY AND CITY, Number of establishments, PERSONS ENGAGED IN THE INDUSTRY (Total, Proprietors and firm members, Clerks, etc., Wage earners), WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY (Total, 16 and over, Under 16), Capital.

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

Table for JERSEY CITY—Continued. Lists industries like Lumber, Marble and stone work, Millinery and lace goods, Mineral and soda waters, etc., with corresponding counts and values.

Table listing various industries and their counts, including Artificial flowers, Artists' materials, Automobile bodies and parts, etc.

Table for NEWARK—All industries. Lists industries like Automobiles, Automobile repairing, Bookbinding and blank-book making, etc., with counts and values.

1 Owned power only.

2 Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.	Primary horsepower.							
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.		Steam engines. ¹			Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$19,441	\$12,792	\$110,453	.....	\$4,740	\$2,000	\$237,002	\$5,201	\$421,004	\$178,831	501	450	45	.....	6	400	26
4,368	2,037	41,817	\$600	510	844	73,073	1,050	155,854	81,131	60	.....	44	.....	16	.....	27
26,435	20,046	200,070	33,031	19,700	2,045	311,204	12,076	704,673	470,303	151	.....	37	.....	114	.....	28
1,200	4,128	40,720	60	3,106	1,430	63,106	2,710	170,320	99,414	70	.....	35	.....	8	.....	29
3,450	3,021	50,905	.....	1,440	250	6,675	1,100	84,108	76,333	37	.....	.....	.....	.....	.....	30
49,040	73,004	80,480	.....	1,420	10,467	642,806	7,100	1,020,816	379,610	905	.....	.....	.....	115	.....	31
22,300	9,652	88,470	.....	8,000	6,205	251,800	44,015	470,160	173,355	1,038	850	.....	.....	5	167	32
82,645	73,965	75,050	.....	6,068	8,219	405,505	12,180	934,305	513,710	284	1,033	73	.....	96	75	33
93,240	90,008	300,000	11,072	17,557	8,256	673,750	23,107	1,710,754	1,013,807	848	305	50	.....	493	321	34
10,681	8,680	108,457	.....	12,004	445	94,676	3,405	267,804	159,733	205	50	90	.....	65	.....	35
52,453	24,929	531,874	221,470	5,442	9,093	1,000,545	13,360	2,374,848	1,250,034	1,066	1,046	.....	.....	15	250	36
102,070	151,715	801,376	70,302	54,992	36,773	23,058,678	99,422	25,236,036	2,076,036	3,303	3,111	125	.....	67	925	37
21,240	14,584	18,460	1,853	1,700	1,147	110,187	2,630	263,210	150,393	78	15	58	.....	5	.....	38
58,551	35,215	252,520	86,003	3,943	6,534	466,097	8,076	1,049,733	574,960	583	115	181	.....	287	540	39
1,500	.....	21,101	5,520	2,040	3	33,945	690	67,788	33,153	8	.....	.....	.....	2	.....	40
1,007,290	3,593,528	9,791,653	64,007	137,800	6,250,226	69,042,016	2,240,904	109,410,477	35,136,497	20,406	23,414	1,789	.....	4,202	9,052	41

Instruments, professional and scientific..... 1	Lubricating greases..... 2	Pocketbooks..... 1	Stoves, hot-air furnaces, and ranges... 1
Iron and steel, steel works and rolling mills..... 2	Mattresses and spring beds..... 2	Regalia and society badges and emblems..... 1	Stoves, gas and oil..... 1
Iron and steel, bolts, nuts, washers, and rivets..... 1	Musical instruments and materials, not specified..... 1	Rubber goods, not elsewhere specified..... 2	Sugar refining..... 1
Iron and steel forgings..... 1	Musical instruments, piano materials..... 2	Saddlery and harness..... 2	Suspenders, garters, and elastic woven goods..... 1
Iron and steel, wrought pipe..... 1	Oakum..... 1	Scales and balances..... 4	Tobacco, smoking..... 3
Jewelry..... 1	Oil, not elsewhere specified..... 4	Signs and advertising novelties..... 7	Tobacco, cigars and cigarettes..... 43
Jewelry and instrument cases..... 3	Oleomargarine..... 1	Silverware and silverware..... 1	Tools, not elsewhere specified..... 3
Lamps and reflectors..... 1	Optical goods..... 1	Silversmithing and silverware..... 1	Trunks and valises..... 1
Leather goods, not elsewhere specified..... 3	Paper goods, not elsewhere specified..... 1	Soda-water apparatus..... 1	Type founding..... 1
Leather, tanned, carried, and finished..... 2	Paving materials..... 1	Sporting and athletic goods..... 1	Umbrellas and canoes..... 2
Liquors, distilled..... 1	Pencils, lead..... 2	Springs, steel, car and carriage, not made in steel works or rolling mills..... 1	Wall paper, not made in paper mills... 1
Liquors, malt..... 1	Petroleum, refining..... 1	Statuary and art goods..... 2	Waste..... 1
Liquors, malt..... 1	Photographic apparatus..... 2	Steam fittings and steam and hot-water heating apparatus..... 1	Watches..... 1
Looking-glass and picture frames..... 1	Pickles, preserves, and sauces..... 3		Window shades and fixtures..... 5
	Pipes, tobacco..... 1		Wood, turned and carved..... 3
			Wool pulling..... 1

\$6,056,597	\$7,700,607	\$36,047,315	\$1,114,795	\$1,581,688	\$3,653,365	\$110,014,019	\$3,421,436	\$210,001,047	\$97,162,592	100,406	72,520	6,187	350	21,400	23,110	1
120,092	90,714	541,724	75,901	28,493	10,388	904,673	10,630	2,542,293	1,617,000	865	565	90	.....	201	317	2
10,904	13,223	305,110	.....	75,371	1,514	224,105	12,202	974,739	738,432	507	.....	90	.....	417	.....	3
1,457	2,060	5,603	.....	1,380	21	0,117	274	28,414	19,023	7	.....	.....	.....	7	.....	4
6,880	4,520	80,806	.....	8,225	698	50,601	2,336	194,018	140,991	71	41	5	.....	25	.....	5
90,786	80,125	804,684	.....	23,842	0,318	1,815,514	12,894	3,281,840	1,453,432	588	400	98	.....	30	150	6
35,015	27,515	247,607	.....	31,371	3,338	349,154	7,030	802,215	446,031	331	230	41	.....	60	112	7
25,244	11,850	83,771	104	7,905	1,775	211,043	13,331	432,441	207,807	208	.....	112	.....	90	.....	8
89,063	204,068	922,628	4,514	89,012	18,911	2,939,433	110,334	5,428,827	2,370,000	1,114	503	61	.....	550	188	9
115,384	30,449	592,003	4,101	44,554	0,172	744,340	28,153	1,798,760	1,031,207	1,312	350	178	.....	284	35	10
22,823	6,070	160,539	2,485	12,992	5,661	108,012	0,470	605,258	320,870	287	85	107	.....	95	.....	11
215,885	270,471	856,147	2,989	4,643	50,070	3,014,010	72,339	6,076,622	2,990,273	4,418	4,215	60	.....	143	3,380	12
15,798	25,184	20,161	.....	2,077	783	120,568	1,559	205,353	143,226	70	50	10	.....	10	.....	13
64,641	38,005	1,032,107	380,806	58,318	22,022	959,718	21,185	3,050,741	2,009,838	236	5	33	.....	193	.....	14
85,460	128,809	621,955	25,452	51,963	3,110	1,061,956	13,372	2,436,167	1,380,839	405	233	51	8	113	55	15
72,407	127,345	464,597	20,641	40,199	2,267	1,056,382	9,350	2,104,057	1,099,225	331	233	34	8	56	55	16
4,555	309	14,701	15,937	2,321	20	56,368	728	150,943	99,337	16	.....	.....	.....	16	.....	17
7,656	8,888	80,819	80	6,140	285	228,766	1,970	504,311	278,586	34	8	2	8	16	.....	18
60,100	118,148	369,077	4,565	28,738	1,062	770,768	6,662	1,503,703	726,283	281	225	32	.....	24	55	10
13,050	1,464	157,358	4,811	11,164	843	35,574	4,022	271,210	231,614	74	.....	17	.....	57	.....	20
5,304	1,464	57,657	2,901	4,766	327	33,800	1,555	137,811	102,396	19	.....	5	.....	14	.....	21
7,755	.....	99,701	1,820	6,368	516	1,714	2,407	138,399	120,218	65	.....	12	.....	43	.....	22
20,499	44,129	154,517	.....	12,756	22,865	980,806	18,493	1,745,137	739,838	425	125	.....	.....	300	.....	23
3,768	1,540	42,048	300	3,180	1,125	108,422	609	189,279	80,188	83	50	28	.....	10	.....	24
197,525	171,942	1,323,658	7,073	19,463	22,448	1,669,934	63,370	4,241,233	2,507,934	1,510	1,075	139	.....	302	10	25
167,611	350,973	975,646	0,000	48,280	11,778	2,224,296	17,309	4,022,233	2,380,028	948	610	5	.....	333	.....	26
96,425	80,408	475,522	1,891	0,322	10,776	325,247	27,554	1,408,341	1,055,540	995	725	246	.....	24	.....	27
66,413	147,428	138,957	.....	1,900	12,750	1,557,017	32,328	2,657,135	1,066,890	861	.....	.....	.....	50	62	28
201,289	665,049	2,337,509	850	12,159	52,322	3,021,311	83,350	8,920,485	5,815,824	3,305	2,520	67	.....	778	1,934	29
.....	.....	1,042	.....	040	3	250	313	10,005	9,532	6	.....	.....	.....	0	.....	30
51,340	19,033	192,317	1,968	5,300	4,254	324,855	10,328	721,092	385,909	775	717	58	.....	.....	234	31
4,784	2,164	44,846	39	5,800	95	12,090	770	110,051	97,176	36	.....	5	.....	31	.....	32

* Same number reported for one or more other months.

4 Same number reported throughout the year.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.								WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.		Female.
								Maximum month.	Minimum month.						

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

33	NEWARK—Continued.	37	677	25	35	42	40	535	Oc	667	Ja	465	562	381	172	.....	9	\$652,671
34	Fancy articles, not elsewhere specified.	21	196	22	14	15	23	122	Se	133	Fe	116	127	105	22	.....	.....	746,512
35	Food preparations, not elsewhere specified.	110	3,193	78	154	189	57	2,720	.....	.....	.....	.....	2,574	2,507	47	16	4	6,378,720
36	Foundry and machine-shop products	11	1,105	5	24	56	10	1,010	Ap	1,075	Do	878	927	912	10	5	.....	2,206,570
37	Boiler shops and foundries.....	99	2,093	73	130	133	47	1,710	Ja	1,797	No	1,696	1,647	1,595	37	11	4	4,112,150
38	Machine shops.....	10	45	11	.....	2	2	30	No ^a	50	My	14	50	17	32	1	.....	114,284
39	Fur goods.....	18	702	19	22	57	25	579	Ap	643	Fe	540	573	568	5	.....	.....	1,137,418
40	Furniture and refrigerators.....	11	170	9	17	27	5	112	Os	120	Mh	105	115	113	2	.....	.....	287,841
41	Gas and electric fixtures and lamps..	4	362	.....	16	80	10	257	No	308	My	218	282	256	26	.....	.....	1,434,603
42	Gas machines and gas and water meters.	24	1,890	18	47	86	41	1,098	.....	.....	.....	.....	1,714	1,211	442	17	14	3,538,625
43	Hardware.....	7	244	6	12	30	9	187	Ap	202	No	169	175	183	12	.....	.....	438,567
44	Locks, hinges, and other builders' hardware.	17	1,046	12	35	59	32	1,511	Ja	1,596	Jy	1,432	1,530	1,078	430	17	14	3,100,058
45	All other.....	12	263	10	12	12	5	224	Do	274	So	202	256	245	9	2	.....	564,608
46	Hardware, saddlery.....	20	2,308	16	54	50	20	2,102	Se	2,286	My	2,073	2,203	1,613	584	4	2	2,102,226
47	Hats, fur-felt.....	11	236	9	14	5	5	203	Oc	264	Ja	156	217	66	142	1	8	282,733
48	Hosiery and knit goods.....	167	4,317	154	243	350	220	3,344	Mh	3,532	Do	3,083	3,365	2,567	767	22	0	14,317,264
49	Jewelry.....	15	227	15	7	6	4	195	Je	211	No ^a	174	221	131	38	2	.....	427,248
50	Leather goods, not elsewhere specified	64	3,454	37	134	160	37	3,056	Ja	3,321	Au	2,880	3,073	2,070	94	.....	.....	15,737,648
51	Leather, tanned, curried, and finished	13	1,942	10	101	246	15	1,580	Je	1,520	Ja	1,548	1,579	1,578	.....	1	.....	21,630,122
52	Liquors, malt.....	33	483	20	30	20	6	398	Ja	504	Do	331	345	345	.....	.....	.....	776,760
53	Lumber, planing-mill products, not including planing mills connected with sawmills.	23	298	33	28	8	4	225	Oc	327	Fe	150	200	200	.....	.....	.....	1,031,840
54	Marble and stone work.....	6	62	5	2	5	2	48	Se ^a	40	Jn	46	48	41	7	.....	.....	156,439
55	Mattresses and spring beds.....	8	264	7	4	8	3	242	No	267	Jy	213	263	44	185	1	33	171,574
56	Millinery and lace goods.....	23	133	32	12	15	4	120	Jy	140	Ja	107	116	114	2	.....	.....	431,990
57	Mineral and soda waters.....	11	83	14	1	.....	2	66	My	73	No ^a	57	70	69	1	.....	.....	96,062
58	Models and patterns, not including paper patterns.	6	630	2	20	158	13	437	Do	463	Oc	402	449	433	13	1	.....	2,976,937
59	Paints.....	7	241	7	17	20	13	134	Oc	196	Ja	160	186	95	91	.....	.....	546,763
60	Paper goods, not elsewhere specified.	49	378	24	46	48	35	225	Mh	261	Oc	189	208	138	68	2	.....	1,222,803
61	Patent medicines and compounds and druggists' preparations.	14	55	17	2	4	.....	32	Se	35	Ap	28	34	28	4	2	.....	62,437
62	Pickles, preserves, and sauces.....	92	728	96	43	70	24	495	.....	.....	.....	.....	507	439	55	12	1	1,125,757
63	Printing and publishing, book and job.	83	681	96	30	62	21	463	Fe	500	Jy	419	479	415	52	12	.....	1,038,881
64	Job printing.....	4	47	.....	4	8	3	32	Mh	40	Au	26	23	24	3	.....	.....	80,876
65	Book publishing, printing, and linotype work.	23	999	21	47	302	47	522	.....	.....	.....	.....	531	478	53	.....	.....	1,492,176
66	Printing and publishing, newspapers and periodicals.	14	969	14	43	350	41	521	No	530	Au	493	530	477	53	.....	.....	1,478,880
67	Printing, publishing, and job printing.	9	30	7	4	12	6	1	(¹)	1	(¹)	1	1	1	.....	.....	.....	13,290
68	Publishing without printing.....	7	228	2	15	16	4	191	My	201	Do	172	177	99	73	.....	.....	617,735
69	Rubber goods, not elsewhere specified	15	74	13	6	2	.....	53	Je ^a	55	No	50	52	46	5	1	.....	75,539
70	Saddlery and harness.....	15	392	15	12	50	14	301	Do	327	My	277	304	302	1	1	.....	926,384
71	Slaughtering and meat packing.....	4	161	2	8	22	7	122	Ap ^a	127	Se	115	127	114	12	1	.....	385,378
72	Steam fittings and steam and hot-water heating apparatus.	22	747	24	18	29	4	672	Fe	782	Oc	519	635	635	.....	.....	.....	1,286,126
73	Structural ironwork, not made in steel works or rolling mills.	97	2,671	95	68	55	23	2,430	Je	2,488	No	2,312	2,451	514	1,826	48	73	2,263,014
74	Tobacco manufactures.....	28	1,066	22	32	60	29	857	Ja	907	Jy	753	921	791	48	32	.....	2,133,708
75	Tools, not elsewhere specified.....	18	627	17	21	17	21	451	Je	475	Do	300	450	441	19	.....	.....	886,253
76	Trunks and valises.....	13	554	2	51	165	34	302	Fe	316	Oc ^a	281	283	265	17	1	.....	4,552,304
77	Varnish.....	8	24	11	.....	2	2	9	Je ^a	12	Ja	6	13	11	2	.....	.....	13,130
78	Window shades and fixtures.....	6	231	5	16	9	8	193	Ap	210	Au	185	192	175	14	2	1	302,695
79	Wirework.....	8	46	6	3	.....	2	35	Ap ^a	37	Se ^a	32	36	32	4	.....	.....	54,582
80	Wood, turned and carved.....	378	17,395	266	568	1,272	530	14,759	.....	.....	.....	.....	14,958	10,742	3,900	148	163	73,365,018
80	All other industries*.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

* All other industries embrace—	Cars and general shop construction and repairs by steam-railroad companies.....	1	Engraving, steel and copper plate.....	3	and wool.....	5
Aluminum ware.....	2	Felt goods.....	2	Hats, straw.....	1	
Artificial stone products.....	2	Fertilizers.....	3	Hats, wool-felt.....	1	
Artists' materials.....	1	Files.....	3	House-furnishing goods, not elsewhere specified.....	3	
Babbitt metal and solder.....	2	Flavoring extracts.....	5	Ice cream.....	3	
Bags, other than paper.....	1	Flour-mill and gristmill products.....	1	Ice, manufactured.....	5	
Baking powders.....	1	Foundry supplies.....	1	Ink, printing.....	3	
Baskets, and rattan and willow ware.	1	Furnishing goods, men's.....	2	Ink, writing.....	1	
Belting, leather.....	4	Furs, dressed.....	4	Instruments, professional and scientific.....	5	
Belting, woven.....	1	Galvanizing.....	1	Iron and steel, bolts, nuts, washers, and rivets.....	1	
Billiard tables and materials.....	1	Gas, illuminating and heating.....	3	Iron and steel, cast-iron pipe.....	2	
Blacking, stains, and dressings.....	2	Glass, cutting, staining, and ornamenting.....	13	Iron and steel forgings.....	8	
Boxes, cigar.....	3	Gold, leaf and foil.....	2	Iron and steel, wrought pipe.....	1	
Boxes, wooden packing.....	3	Gold and silver, reducing and refining, not from the ore.....	13	Japanning.....	7	
Brooms.....	2	Grease and tallow, not including lubricating greases.....	5	Jewelry and instrument cases.....	7	
Brushes.....	6	Hand stamps.....	1	.....	.....
Carpets, rag.....	5	Hat and cap materials.....	10	.....	.....
Carrriages and sleds, children's.....	3	Hats and caps, other than felt, straw, and wool.....	5	.....	.....
Cars and general shop construction and repairs by electric-railroad companies.....	1	.....	.....	.....	.....

¹ Owned power only.

^a Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Value of products.	Value added by manufacture.	Primary horsepower.				Electric horsepower generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹		Electric (rented).

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$75,754	\$73,547	\$281,905	\$1,030	\$25,344	\$2,527	\$349,307	\$11,008	\$1,033,084	\$672,109	339	85	105	.....	89	.....	33
20,855	23,561	68,715	.....	2,978	3,686	347,704	14,334	610,042	247,014	494	375	60	.....	59	.....	34
370,371	107,972	1,010,851	2,881	80,700	39,375	1,095,307	119,711	5,345,513	3,530,405	4,212	2,882	299	.....	1,031	1,220	35
75,113	51,121	683,745	1,439	2,136	13,884	432,135	50,173	1,411,169	928,861	1,436	1,059	.....	.....	377	451	36
205,258	140,851	1,227,106	1,451	84,654	25,491	1,293,262	60,538	3,034,344	2,601,544	2,776	1,823	299	.....	654	709	37
.....	.....	19,512	.....	11,204	613	38,538	460	98,900	69,893	3	.....	.....	.....	8	.....	38
58,383	58,274	385,810	327	10,498	4,903	710,489	19,222	1,502,479	772,708	609	340	17	.....	312	.....	39
21,467	23,678	66,462	13,875	6,312	440	150,529	2,865	307,739	154,315	91	35	45	.....	11	.....	40
40,400	125,016	188,089	.....	900	3,665	812,801	29,210	893,843	551,332	626	10	.....	.....	616	.....	41
253,088	174,051	813,806	0,822	20,837	21,047	1,270,803	55,151	3,270,748	1,941,794	3,007	2,630	134	.....	243	671	42
37,525	50,003	123,003	2,033	1,400	2,159	104,737	12,857	481,605	304,011	266	220	45	.....	50	.....	43
215,563	124,048	600,263	4,789	25,487	18,888	1,115,066	42,294	2,795,143	1,637,788	2,742	2,410	89	.....	243	621	44
37,206	16,440	152,728	.....	6,016	3,049	213,712	0,615	525,418	302,091	308	250	40	.....	12	.....	45
117,811	79,346	1,251,576	937	10,952	0,324	1,699,769	67,673	3,909,054	2,133,512	2,210	2,165	.....	25	.....	102	46
28,420	7,413	117,043	2,190	10,201	676	242,367	3,134	492,441	213,940	67	.....	.....	.....	57	.....	47
721,952	609,420	2,179,167	48,120	132,041	41,507	5,417,609	63,950	11,215,214	5,733,535	1,882	378	317	.....	687	393	48
10,336	8,112	100,518	691	7,094	2,262	361,849	5,629	504,983	197,505	168	50	64	.....	54	.....	49
420,001	202,532	2,091,573	177,187	62,736	80,737	14,085,136	224,970	20,118,019	5,807,913	7,214	5,000	32	.....	2,182	1,993	50
352,887	414,890	1,415,020	2,526	7,600	2,202,006	3,012,504	254,421	12,071,663	8,804,678	11,740	11,423	12	300	5	2,700	51
56,370	22,136	275,655	2,849	21,283	4,946	624,675	12,238	1,157,056	520,143	1,313	1,020	189	.....	104	12	52
58,563	9,251	215,598	10,646	9,711	4,889	265,775	8,691	686,525	412,059	1,049	740	80	.....	229	260	53
2,192	4,000	28,042	.....	1,020	956	116,120	1,027	166,647	77,600	92	.....	.....	.....	92	.....	54
5,020	7,554	93,636	1,176	7,847	875	209,700	2,022	410,823	199,101	93	88	.....	.....	5	45	55
16,536	11,994	88,069	.....	6,508	2,068	124,531	4,351	847,921	219,039	128	43	26	.....	60	.....	56
500	654	58,629	.....	3,240	530	33,505	3,234	137,870	101,041	166	75	34	.....	57	.....	57
98,830	161,654	246,131	.....	43,347	16,222	2,380,628	83,040	3,813,965	1,350,307	2,078	1,617	110	.....	351	908	58
30,070	15,406	81,525	.....	4,106	3,345	492,071	8,118	722,594	252,405	239	50	107	.....	82	33	59
140,500	145,172	102,537	.....	27,809	7,240	686,120	12,897	2,004,076	1,305,059	417	238	5	.....	174	.....	60
700	2,040	14,918	520	2,771	360	49,434	811	105,157	54,922	33	12	16	.....	5	.....	61
74,456	57,348	310,212	11,452	48,779	5,072	415,022	17,031	1,256,114	824,061	407	4	27	.....	436	2	62
60,513	47,205	310,169	11,304	44,249	4,743	405,415	15,838	1,176,297	755,044	426	4	27	.....	395	2	63
4,943	10,053	30,043	148	4,530	329	9,607	1,193	79,817	60,017	41	.....	.....	.....	41	.....	64
104,070	444,781	612,840	117,770	48,001	16,149	601,406	25,414	2,467,855	1,841,035	908	515	137	.....	256	400	65
101,806	438,790	611,800	91,508	46,661	16,055	598,665	25,414	2,420,504	1,790,455	908	515	137	.....	256	400	66
2,264	5,991	1,040	26,262	1,340	94	2,711	.....	47,291	44,580	.....	.....	.....	.....	.....	.....	67
44,728	20,137	107,980	1,919	4,520	7,371	324,062	13,766	621,627	283,299	823	580	90	.....	153	73	68
4,224	1,200	36,074	100	5,953	301	41,180	459	119,166	77,527	13	.....	.....	.....	13	.....	69
20,199	63,515	206,194	18,136	38,003	9,176	4,234,055	26,393	4,832,014	570,900	1,076	722	45	.....	309	114	70
14,622	19,834	82,335	15,000	4,344	1,401	226,267	5,406	420,437	183,774	202	100	.....	.....	102	.....	71
49,500	27,483	518,947	3,328	5,773	4,281	1,265,051	12,119	2,004,232	727,062	501	350	27	.....	124	100	72
115,505	104,600	830,409	903	23,051	405,094	1,508,987	8,675	3,568,741	2,051,079	183	150	.....	.....	23	.....	73
98,516	97,289	605,750	457	14,251	10,862	669,610	61,330	1,648,651	927,711	1,467	580	639	.....	348	840	74
45,692	26,917	810,015	300	24,500	8,833	642,784	6,839	1,333,806	684,183	219	60	17	.....	112	67	75
255,263	379,286	229,064	.....	4,574	27,515	1,539,083	25,571	3,047,218	2,381,904	783	635	52	.....	96	360	76
.....	2,288	6,430	350	1,722	65	27,206	191	50,070	22,613	1	.....	.....	.....	1	.....	77
31,260	10,590	119,651	556	14,740	2,129	113,803	3,512	356,132	235,867	200	215	25	.....	20	.....	78
2,534	839	25,069	.....	1,010	402	36,347	2,553	88,516	49,616	122	.....	117	.....	5	5	79
1,453,680	1,070,392	8,417,572	168,214	248,823	427,813	40,692,642	1,632,067	63,905,470	21,610,761	35,384	25,212	1,261	17	8,894	6,305	80

Lapidary work.....	6	Pens, fountain and stylographic.....	1	Show cases.....	1	Sulphuric, nitric, and mixed acids... 1	
Lasts.....	3	Pens, steel.....	1	Signs and advertising novelties.....	0	Surgical appliances.....	4
Lime.....	1	Photo-engraving.....	4	Silversmithing and silverware.....	23	Suspenders, garters, and elastic woven goods.....	1
Lithographing.....	3	Photographic apparatus.....	4	Smelting and refining, copper.....	1	Toys and games.....	5
Looking-glass and picture frames.....	4	Pipes, tobacco.....	1	Smelting and refining, not from the ore.....	2	Typewriters and supplies.....	4
Lubricating greases.....	2	Plated ware.....	1	Soap.....	1	Umbrellas and canes.....	2
Lumber and timber products.....	1	Plumbers' supplies, not elsewhere specified.....	4	Soda-water apparatus.....	2	Upholstering materials, not elsewhere specified.....	4
Minerals and earths, ground.....	2	Pottery.....	3	Sporting and athletic goods.....	5	Vault lights and ventilators.....	2
Minerals, framed and unframed.....	3	Pumps, not including steam pumps.....	1	Springs, steel, car and carriage, not made in steel works or rolling mills.....	3	Wall plaster.....	1
Mirrors.....	3	Pumps, steam.....	1	Stallionary goods, not elsewhere specified.....	3	Waste.....	1
Mucilage and paste.....	3	Regalia and society badges and emblems.....	4	Statuary and art goods.....	6	Watch materials.....	2
Musical instruments and materials, not specified.....	1	Roofing materials.....	3	Steam packing.....	1	Watchcases.....	5
Musical instruments, pianos.....	1	Saws.....	3	Stencils and brands.....	1	Watches.....	1
Musical instruments, piano materials.....	2	Scales and balances.....	1	Stereotyping and electrotyping.....	2	Window and door screens, weather strips.....	1
Oil, not elsewhere specified.....	3	Scraps, machine.....	2	Stoves and ranges.....	1	Wire.....	1
Oilcloth, enameled.....	3	Shipbuilding, wooden, including boat building.....	2	Stoves, gas and oil.....	1	Wood preserving.....	1
Oleomargarine.....	5	.....	.....	.....	.....	Wool shoddy.....	1
Optical goods.....	5	.....	.....	.....	.....	.....	.....
Paper and wood pulp.....	3	.....	.....	.....	.....	.....	.....
Paper patterns.....	1	.....	.....	.....	.....	.....	.....

³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.					Capital.	
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			Total.	16 and over.		Under 16.		
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.	Male.		Female.
								Maximum month.	Minimum month.						

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	PASSAIC—All industries.....	195	18,734	169	279	938	206	17,142	Dec 17, 1954	Jan 16, 1951	16,670	8,995	7,375	100	200	\$48,659,293
2	Bread and other bakery products.....	41	181	40	1	3	0	125	Do 139	Fe 115	123	123	.....	.....	.....	225,142
3	Copper, tin, and sheet-iron products.....	10	411	7	14	20	8	302	Ap 435	No 316	325	298	27	.....	.....	805,366
4	Food preparations, not elsewhere specified.....	5	24	10	.....	.....	.....	14	Fe 15	No 12	15	11	4	.....	.....	26,835
5	Foundry and machine-shop products.....	13	515	11	17	86	14	387	Ap 445	Do 347	347	347	30	327	.....	917,206
6	Millinery and lace goods.....	14	404	11	9	10	9	335	Se 400	Mh 343	350	30	.....	.....	3	805,366
7	Mineral and soda waters.....	5	21	6	.....	.....	.....	1	Jo 14	Ja 12	12	12	.....	.....	.....	33,100
8	Printing and publishing.....	20	187	14	11	24	7	131	Au 138	De 129	127	117	8	2	.....	325,384
9	Tobacco manufactures.....	9	24	0	.....	.....	.....	15	Oc 10	Ap 14	17	13	3	1	.....	14,955
10	All other industries*.....	78	16,967	55	226	705	161	15,730	.....	.....	15,339	8,030	7,006	97	197	45,971,699

*All other industries embrace—	
Artificial stone products.....	1
Awings, tents, and sails.....	1
Belting and hose, rubber.....	3
Blacking, stains, and dressings.....	1
Boxes, fancy and paper.....	3
Buttons.....	1
Carriages, wagons, and repairs.....	2
Chemicals.....	1
Clothing, men's.....	2
Clothing, women's.....	5
Cotton goods.....	3
Dyeing and finishing textiles.....	5
Electrical machinery, apparatus, and supplies.....	1
Fancy articles, not elsewhere specified.....	1
Flour-mill and gristmill products.....	1
Furnishing goods, men's.....	11
Furniture.....	1
Hosiery and knit goods.....	2
House-furnishing goods, not elsewhere specified.....	3
Liquors, malt.....	1
Lumber, planing-mill products, not including planing mills connected with sawmills.....	2

1	PATERSON—All industries.....	735	34,447	622	783	1,705	412	30,025	Ap 32,258	De 29,693	30,312	18,090	11,602	239	381	\$74,160,608
2	Boxes, fancy and paper.....	6	192	5	5	7	1	174	Jy 182	Do 157	180	41	90	1	28	150,089
3	Bread and other bakery products.....	88	422	89	9	20	11	287	No 297	Fe 282	201	275	16	.....	.....	556,913
4	Card cutting and desizing.....	7	52	8	5	1	2	86	Ja 45	No 28	33	31	.....	2	.....	78,704
5	Carriages, wagons, and repairs.....	11	74	19	2	3	.....	56	Ap 60	Do 48	48	47	.....	.....	.....	116,436
6	Clothing, men's, including shirts.....	13	2,880	11	31	109	95	2,077	My 2,124	Au 1,900	2,102	643	1,334	53	72	4,055,073
7	Confectionery and ice cream.....	16	69	15	4	1	.....	49	.....	.....	51	41	10	.....	.....	166,082
8	Confectionery.....	6	24	6	.....	.....	.....	13	No 22	Fe 13	21	13	.....	.....	.....	10,937
9	Ice cream.....	10	45	9	4	1	.....	31	Jy 50	Ja 19	30	28	2	.....	.....	80,145
10	Copper, tin, and sheet-iron work.....	8	83	8	9	1	2	63	Ja 95	Au 61	63	62	.....	1	.....	126,893
11	Cotton goods, including cotton small wares.....	7	178	9	5	7	1	150	Ja 102	No 140	157	93	54	5	5	184,712
12	Dyeing and finishing textiles.....	38	3,823	18	97	207	20	3,472	Ap 3,647	Do 3,201	3,333	2,084	334	14	1	9,307,567
13	Foundry and machine-shop products.....	53	2,569	47	97	168	19	2,208	Jo 2,444	Do 1,965	2,071	1,857	181	10	17	4,064,475
14	Lumber and timber products.....	9	205	4	12	19	8	102	Jo 185	Do 144	144	144	.....	.....	.....	447,500
15	Mineral and soda waters.....	16	69	17	.....	2	.....	50	Jy 54	Do 40	40	43	.....	5	1	100,470
16	Printing and publishing, book and job.....	17	72	14	10	2	2	44	Do 49	Ja 42	49	39	5	2	3	118,557
17	Printing and publishing, newspapers and periodicals.....	12	312	7	20	46	11	228	Do 234	Jy 222	234	200	24	1	.....	498,240
18	Silk goods, including throwsters.....	291	18,368	245	340	631	190	10,992	.....	.....	10,982	8,449	8,214	113	206	26,656,884
19	Finished products.....	245	16,891	210	309	623	181	15,568	Ap 16,385	Do 14,318	15,517	7,029	7,328	89	171	25,808,463
20	Throwing and winding.....	46	1,507	35	31	8	9	1,424	My 1,527	Do 1,270	1,465	520	880	24	35	848,423
21	Tobacco manufactures.....	23	169	22	3	5	1	133	Oc 147	Fe 131	140	124	15	1	.....	150,657
22	All other industries*.....	120	5,380	90	164	413	40	4,073	.....	.....	4,405	3,008	1,325	24	48	20,846,270

*All other industries embrace—	
Artificial stone products.....	0
Asbestos products, not including steam packing.....	2
Automobile bodies and parts.....	2
Awings, tents, and sails.....	3
Baskets, and rattan and willow ware.....	2
Bookbinding and blank-book making.....	2
Boot and shoe cut stock.....	1
Boots and shoes, not including rubber boots and shoes.....	1
Boxes, cigar.....	1
Brass and bronze products.....	3
Brooms, from broom corn.....	1
Brushes.....	1
Buttons.....	2
Carpets, rag.....	2
Cleansing and polishing preparations.....	1
Clothing, women's.....	3
Coffee and spice, roasting and grinding.....	1
Cooperage.....	1
Cordage and twine.....	2
Cutlery and edge tools.....	1
Dyestuffs and extracts.....	1
Electroplating.....	1
Engraving and desizing.....	1
Engraving, steel and copper plate, including plate printing.....	1
Fertilizers.....	1
Flies.....	1
Food preparations, not elsewhere specified.....	4
Fur goods.....	2
Furnishing goods, men's.....	1
Furniture.....	1
Gas, illuminating and heating.....	1
Glass, cutting, staining, and etching.....	2
Hats and caps, other than felt, straw, and wool.....	1
Hats, fur-felt.....	1
Hosiery and knit goods.....	8
House-furnishing goods, not elsewhere specified.....	1
Iron and steel forgings.....	1

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.									Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Total.			Primary horsepower.				Electric horse-power generated in establishments reporting.
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.				Steam engines. ¹	Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$1,034,811	\$1,478,322	\$8,040,445	\$234,180	\$85,599	\$208,650	\$30,305,603	\$634,733	\$53,267,859	\$22,327,523	31,701	28,381	974	313	2,033	12,415	1
629	4,058	85,025	1,034	11,060	1,985	258,553	12,430	440,023	109,640	61	515	43		01	240	2
38,952	36,368	168,674		2,745	6,259	331,858	8,945	796,180	455,377	531				16		3
		8,066		1,265	116	24,308	1,232	42,729	17,189	43		43				4
50,375	130,841	264,104	5,194	7,336	5,483	579,348	13,541	1,194,616	601,727	783	597	107		70	362	5
04,868	12,472	138,094		9,048	843	578,606	3,312	924,953	343,035	41		10		31		6
1,230	390	7,443		420	250	17,736	575	37,291	18,083	9				0		7
18,840	21,782	92,553	723	6,800	1,516	62,638	8,814	289,047	208,595	263	119	8		136		8
		8,830	152	1,026	3,786	14,026	146	37,183	23,011	1				1		9
854,046	1,272,501	7,273,842	227,077	45,249	278,442	28,438,530	585,738	49,514,234	20,489,066	20,069	27,150	806	813	1,700	11,813	10

Marble and stone work.....	2	Sausage, not made in slaughtering and meat-packing establishments.....	1	Slaughtering and meat packing.....	1	Trunks and valises.....	1
Mattresses and spring beds.....	2	Scales and balances.....	1	Stationary goods, not elsewhere specified.....	1	Upholstering materials, not elsewhere specified.....	1
Paper goods, not elsewhere specified.....	2	Signs and advertising novelties.....	1	Suspenders, garters, and elastic woven goods.....	1	Wall plaster.....	1
Perfumery and cosmetics.....	1	Silk goods, including throwsters.....	4			Wood, turned and carved.....	1
Saddlery and harness.....	1					Woolen and worsted goods.....	5

\$1,040,040	\$2,192,679	\$16,194,896	\$4,081,545	\$798,100	\$704,192	\$39,285,472	\$1,344,717	\$78,428,639	\$37,708,450	34,017	23,460	4,521	715	5,321	5,518	1
6,500	4,724	73,569	100	7,285	866	165,597	5,238	306,918	136,083	75	20	25		30		2
12,616	30,737	190,314	149	17,840	4,286	689,180	23,189	1,185,019	475,650	184	4			180		3
7,445	2,764	20,549	13	4,004	285	40,543	690	100,179	58,976	11				11		4
2,400	2,140	36,000	93	2,788	763	47,672	2,242	128,770	78,895	59	4	12		43		5
90,382	260,984	925,552	530,846	73,606	11,670	2,491,919	19,366	4,065,334	2,484,949	452	175	35		242		6
2,600	550	32,305		4,614	542	97,714	2,449	181,138	80,075	70	10	16		44		7
		11,773		2,890	48	30,890	931	56,744	24,923	24				24		8
2,600	550	20,532		1,724	494	66,824	1,518	124,394	59,052	46	10	10		20		9
10,857	1,473	47,644	240	956	523	151,870	1,615	257,557	104,072	66		21		45		10
0,004	7,384	71,757	858	8,971	689	111,712	5,917	220,385	111,756	242	152	63		27		11
262,532	216,828	1,000,697	710	34,900	46,242	2,923,658	261,631	7,526,704	4,341,415	4,846	4,467	170	40	169	844	12
152,623	159,013	1,213,487	33,236	59,994	32,172	1,80,438	71,082	3,043,575	2,292,055	3,187	1,715	219	115	1,138	680	13
28,860	18,684	98,296	94	3,604	4,619	286,580	4,793	490,240	108,606	407	380	17		10		14
	1,352	31,635		4,168	1,596	38,736	1,144	105,851	65,071	31		10		21		15
	5,300	20,222	2,235	4,050	944	42,816	2,416	126,375	81,143	90	40	8		42		16
42,860	45,035	186,125	4,179	4,320	4,420	162,404	8,647	515,382	344,331	427	95			332		17
876,516	1,091,139	8,982,419	3,499,040	510,924	116,111	22,852,546	372,600	44,672,401	21,447,255	11,013	4,879	3,547	110	2,477	907	18
841,450	1,047,931	8,439,254	3,498,849	458,677	108,953	22,754,987	327,915	43,772,870	20,689,677	9,319	4,066	2,977	85	2,241	887	19
35,066	13,203	543,165	191	52,247	7,158	97,559	44,685	899,522	757,278	1,694	813	570	75	236	20	20
5,238	8,563	88,971	50	2,446	38,216	120,708	838	300,995	179,449	28	25			3		21
420,979	366,053	2,264,454	9,702	53,630	440,248	7,484,370	560,920	13,362,798	5,317,499	12,829	11,498	374	450	507	3,087	22

Iron and steel, wrought pipe.....	1	Millinery and lace goods.....	1	Saddlery and harness.....	1	Umbrellas and canes.....	1
Jute goods.....	2	Models and patterns.....	3	Sausage.....	2	Wall paper, not made in paper mills.....	1
Linen goods.....	1	Musical instruments, piano materials.....	1	Slaughtering and meat packing.....	4	Wall plaster.....	1
Liquors, malt.....	1	Optical goods.....	1	Smelting and refining, not from the ore.....	1	Wirework.....	1
Locomotives.....	2	Paper goods, not elsewhere specified.....	2	Soap.....	1	Wood preserving.....	1
Looking-glass and picture frames.....	2	Patent medicines and compounds.....	1	Steam packing.....	2	Wood, turned and carved.....	4
Marble and stone work.....	8	Pickles, preserves, and sauces.....	1	Trunks and valises.....	2	Wooden goods, not elsewhere specified.....	3
Mattresses and spring beds.....	3	Rubber goods, not elsewhere specified.....	1			Worsteds goods.....	2

^a Same number reported for one or more other months.

MANUFACTURES.

TABLE 40.—DETAIL STATEMENT FOR THE STATE AND FOR CITIES OF 50,000 INHABITANTS

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS, DEC. 15, OR NEAREST REPRESENTATIVE DAY.						Capital.
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clerks, etc.		Wage earners.			18 and over.		Under 16.			
					Male.	Female.	Average number.	Number, 15th day of—		Male.	Female.	Male.	Female.		
								Maximum month.	Minimum month.						

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

1	TRENTON—All industries	394	22,027	347	584	1,448	420	10,828	Mh 20,281	No 10,428	20,000	15,067	3,884	207	341	\$55,345,330
2	Awnings, tents, and sails.....	8	16	5	.....	.....	.....	11	Je 31	Ja 5	20	17	3	.....	.....	7,883
3	Bread and other bakery products.....	50	466	00	9	20	8	363	Oc 380	Je 348	377	331	14	32	.....	599,620
4	Brick and tile, terra-cotta, and fire-clay products.....	6	480	4	24	14	.....	444	Je 502	De 225	570	412	131	12	15	717,433
5	Carriages, wagons, and repairs.....	5	54	5	1	3	.....	45	Jy 47	Oc 43	43	42	.....	1	.....	60,176
6	Clothing, men's, including shirts.....	8	336	12	10	11	3	300	Ap 300	Au 286	303	65	230	.....	2	166,549
7	Confectionery and ice cream.....	13	304	9	13	17	20	245	De 382	Fe 186	370	74	301	.....	4	329,061
8	Copper, tin, and sheet-iron work.....	15	78	18	5	1	2	52	Ja 62	Je 32	48	48	.....	.....	.....	57,176
9	Foundry and machine-shop products.....	43	2,475	43	74	169	30	2,159	Ja 2,296	Jy 2,042	2,180	2,152	12	16	.....	7,134,622
10	Furniture and refrigerators.....	8	278	5	8	23	2	240	Se 273	De 213	221	220	1	.....	.....	363,530
11	Ice, manufactured.....	5	49	5	5	1	1	37	Jy 50	Ja 26	40	40	.....	.....	.....	192,804
12	Mineral and soda waters.....	7	73	6	5	14	1	47	Jy 52	No 43	39	39	.....	.....	.....	130,222
13	Pottery.....	30	4,797	8	128	134	60	4,467	Ja 4,605	De 4,200	4,435	3,522	862	28	23	0,352,304
14	Printing and publishing.....	34	506	28	22	94	18	344	Ap 351	Jy 335	342	293	45	4	.....	640,086
15	Rubber goods, not elsewhere specified.....	11	2,800	4	57	319	81	1,839	Je 2,050	Ja 1,558	1,009	1,546	99	48	0	0,262,461
16	Sausage.....	10	52	16	1	4	2	30	De 42	My 19	42	42	.....	.....	.....	75,210
17	Slaughtering, wholesale, not including meat packing.....	4	10	4	.....	1	.....	5	(*) 42	(*) 5	5	5	.....	.....	.....	15,900
18	All other industries*.....	131	10,347	110	222	623	192	9,200	.....	.....	9,356	6,819	2,180	66	201	29,247,744

*All other industries embrace—	2	Boxes, fancy and paper.....	2	China decorating, not including that done in potteries.....	3	Engraving and diecasting.....	2
Agricultural implements.....	3	Boxes, wooden packing.....	3	Clothing, women's.....	3	Fancy articles.....	1
Artificial stone products.....	1	Brass and bronze products.....	2	Coffee and spice, roasting and grinding.....	3	Fertilizers.....	2
Artists' materials.....	1	Brooms.....	1	Copperage.....	5	Flour-mill and gristmill products.....	1
Automobile bodies and parts.....	3	Brushes.....	2	Crucibles.....	1	Food preparations, not elsewhere specified.....	5
Bags, other than paper.....	2	Cars and general shop construction and repairs by electric-railroad companies.....	2	Dyeing and finishing textiles.....	1	Gas and electric fixtures.....	2
Balting, leather.....	1	Cars and general shop construction and repairs by steam-railroad companies.....	1	Electrical machinery, apparatus, and supplies.....	3	Gas, illuminating and heating.....	1
Balting and hose, rubber.....	2	China decorating, not including that done in potteries.....	3	Electroplating.....	1	Glass, cutting, staining, and ornamenting.....	1
Bluing.....	1	Clothing, women's.....	3	Engraving and diecasting.....	2		
Boots and shoes, not including rubber boots and shoes.....	1	Coffee and spice, roasting and grinding.....	3	Fancy articles.....	1		
		Copperage.....	5	Fertilizers.....	2		
		Crucibles.....	1	Flour-mill and gristmill products.....	1		
		Dyeing and finishing textiles.....	1	Food preparations, not elsewhere specified.....	5		
		Electrical machinery, apparatus, and supplies.....	3	Gas and electric fixtures.....	2		
		Electroplating.....	1	Gas, illuminating and heating.....	1		
				Glass, cutting, staining, and ornamenting.....	1		

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	ASBURY PARK.....	44	410	43	14	32	9	312	Jy 375	No 257	302	199	103	.....	.....	\$794,325
2	BLOOMFIELD.....	57	4,108	46	131	515	237	3,177	Fe 3,482	De 2,855	3,002	1,736	1,273	12	41	8,793,039
3	BRIDGETON.....	83	2,788	70	74	115	50	2,479	No 2,659	Au 1,708	3,298	2,426	819	41	12	5,819,008
4	EAST ORANGE.....	51	2,010	54	90	417	100	1,049	De 2,036	Fe 1,792	2,117	1,450	654	4	9	6,017,670
5	ENGLEWOOD.....	19	135	15	8	5	16	91	Ap 100	Fe 72	97	70	18	.....	.....	256,845
6	GARFIELD.....	39	6,138	30	73	120	40	5,809	De 6,347	My 5,443	6,299	2,615	3,497	40	147	16,083,565
7	GLOUCESTER.....	23	2,099	15	27	93	19	1,915	Oc 2,177	Jy 1,807	2,203	839	1,307	24	39	6,109,558
8	HACKENSACK.....	43	895	38	28	40	23	760	My 836	Au 658	779	532	210	4	3	1,005,158
9	HARRISON.....	52	8,010	36	214	702	260	7,404	My 7,856	De 6,659	6,669	5,226	1,411	27	5	29,212,479
10	IRVINGTON.....	74	1,100	63	57	43	25	921	Je 985	De 856	928	706	103	0	23	2,519,052
11	KEARNY.....	51	5,570	40	157	256	32	5,094	Ja 5,357	No 4,945	5,287	4,610	647	20	10	15,594,269
12	LONG BRANCH.....	33	524	35	25	44	10	410	Je 454	No 334	369	293	162	.....	4	2,337,557
13	MILVILLE.....	50	3,501	52	39	200	63	3,198	Ap 3,630	Au 1,864	3,367	2,608	602	60	37	4,166,751
14	MONTCLAIR.....	42	470	39	17	24	17	382	Je 432	Fe 314	381	290	53	4	5	2,177,229
15	MONTSTOWN.....	31	808	20	24	17	23	218	Je 240	De 180	209	182	23	4	.....	542,229
16	NEW BRUNSWICK.....	113	7,286	81	155	421	181	6,448	Ap 6,618	Au 6,067	6,602	3,010	3,593	27	53	16,250,548
17	ORANGE.....	72	2,437	67	78	114	52	2,126	Ja 2,291	My 2,064	2,130	1,644	485	6	1	4,553,579
18	PERTH AMBOY.....	128	10,556	102	182	872	198	9,202	My 10,026	De 8,135	9,304	6,873	2,243	48	140	61,814,034
19	PHILIPSBURG.....	40	4,785	26	89	205	46	4,359	Jy 4,634	No 3,818	3,988	2,852	1,073	15	48	15,420,548
20	PLAINFIELD.....	78	2,201	70	75	166	58	1,832	De 1,956	Se 1,668	2,041	1,655	421	2	3	7,161,200
21	UNION.....	75	1,792	73	44	89	17	1,479	Mh 1,528	Oc 1,435	1,600	833	617	.....	10	9,980,142
22	WEST HOBOKEN.....	189	3,830	206	60	88	25	3,454	Ap 3,563	De 3,253	3,512	1,426	2,062	6	38	6,200,968
23	WEST NEW YORK.....	98	3,024	66	82	426	85	2,335	Fe 2,513	De 2,181	2,233	1,292	963	2	0	8,551,316

¹ Owned power only.

² Includes rented power, other than electric.

OR MORE, BY INDUSTRIES, AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914—Continued.

EXPENSES.										Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.		Primary horsepower.				Electric horsepower generated in establishments reporting.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.	Total.	Steam engines. ¹				Internal-combustion engines. ²	Water wheels and motors. ¹	Electric (rented).	

CITIES OF 50,000 INHABITANTS OR MORE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES—Continued.

\$1,416,325	\$1,667,706	\$11,134,289	\$132,500	\$131,083	\$540,509	\$28,474,555	\$1,408,710	\$54,821,900	\$24,878,641	36,219	30,733	2,350	235	2,895	12,767	1
7,904	20,113	5,392	300	726	68	6,721	176	10,180	12,389	3	198			3	3	2
29,656	0,927	225,456	181,952	13,804	7,356	834,757	32,272	1,325,323	458,294	301	315			193	5	3
		181,952		480	3,620	116,037	20,006	456,588	311,545	445				130		4
1,040	2,092	28,843	492	340	980	35,201	1,503	88,668	51,964	41	20	10		11	5	6
19,060	15,504	109,238	23,092	3,452	1,380	193,569	4,820	420,779	222,390	74				74		0
22,678	27,872	68,481		12,840	2,007	439,092	8,983	746,150	298,075	300	119	92		179		7
2,200	1,396	37,990	500	2,076	489	56,301	804	120,830	69,725	20				20		8
147,629	173,678	1,438,842	1,507	10,078	53,585	2,151,247	113,014	4,616,204	2,351,943	3,610	3,364	30	105	105	2,991	9
17,584	17,800	172,530	700	2,933	1,540	215,843	4,031	517,342	290,568	326	288	15		23	55	10
6,344	1,352	24,377	1,563		2,602	11,754	26,017	103,843	66,072	1,140	1,140				80	11
6,864	10,300	33,630		1,908	1,044	134,145	1,560	215,972	80,267	36	15			20	8	12
337,271	192,832	3,012,658	6,943	4,555	60,499	1,321,777	485,491	6,554,000	4,747,392	2,765	2,207			558	932	13
64,576	49,494	241,910	12,094	10,256	7,074	171,025	11,130	784,138	601,983	268				258		14
233,776	360,434	1,076,051	20,874	1,846	21,702	5,228,230	133,168	8,068,038	2,700,640	4,150	3,805	5		340	735	15
1,000	3,308	24,182		2,478	1,326	173,734	1,358	200,300	85,214	112	92			20	8	16
	1,260	4,680		1,070	63	115,700		138,175	22,385							17
518,683	771,434	4,448,009	58,235	62,836	374,676	17,269,432	614,477	30,370,704	12,495,795	22,549	19,200	2,198	130	961	7,943	18

Hats and caps, other than felt, straw, and wool.....	2	Mats and matting.....	1	Optical goods.....	2	Tobacco, smoking.....	1
Hosiery and knit goods.....	1	Mattresses and spring beds.....	3	Paints.....	3	Tobacco, cigars.....	11
Iron and steel forgings.....	1	Minerals and earths, ground.....	2	Patent medicines and compounds.....	5	Tools, not elsewhere specified.....	1
Jewelry.....	1	Models and patterns, not including paper patterns.....	5	Pickles, preserves, and sauces.....	2	Wall plaster.....	1
Liquors, malt.....	3	Machinery and parts.....	1	Saddlery and harness.....	1	Watches.....	1
Looking-glass and picture frames.....	2	Musical instruments, pianos.....	1	Shipbuilding, wooden, including boat building and refinishing, zinc.....	1	Wire.....	2
Lumber, planing-mill products.....	3	Nets and seines.....	1	Smelting and refining, zinc.....	1	Wirework.....	1
Marble and stone work.....	5	Oilcloth and linoleum, floor.....	1	Surgical appliances.....	1	Wood, turned and carved.....	1
						Woolen and worsted goods.....	2

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

\$19,725	\$35,707	\$202,020	\$100	\$12,049	\$5,678	\$315,345	\$10,774	\$765,762	\$433,643	670	145	27	498	15	1
480,697	741,352	1,643,680	38,428	27,313	37,839	3,199,586	150,951	8,357,620	4,998,083	8,353	5,393	311	395	1,468	2
127,352	153,825	1,411,181	2,215	10,817	27,686	2,214,370	238,549	4,935,711	2,482,792	2,918	1,987	67	85	2,254	3
278,073	569,076	1,130,385	1,460	19,657	26,018	2,303,135	85,959	5,406,985	3,017,891	3,379	1,431	164		1,784	4
10,714	10,937	50,957		4,465	1,734	103,380	8,092	321,161	209,689	296	150	80		66	5
280,257	187,306	2,639,305	11,201	17,788	110,728	11,141,287	223,860	10,113,492	4,748,855	8,574	6,747	1,137		690	6
92,572	127,630	738,714		21,234	21,666	3,085,939	127,416	4,710,951	1,497,596	3,068	1,940	18		1,110	7
79,278	68,902	420,722	143,972	9,644	8,689	1,021,737	30,509	2,252,503	1,200,257	1,343	1,205	23		115	8
518,291	865,077	4,003,295	27,513	74,514	239,593	6,912,352	445,229	17,960,600	10,602,019	15,931	14,898	120		1,003	9
102,439	52,891	536,867	3,890	26,069	13,340	5,843,620	79,859	7,349,713	1,420,228	2,700	1,455	525		720	10
391,329	328,202	3,195,678	42,208	25,282	99,502	8,416,061	338,559	15,410,840	6,665,220	10,409	9,915	108		386	11
36,280	36,591	206,366		6,520	19,781	359,674	89,092	1,055,428	600,062	1,070	342	921		116	12
172,414	218,497	1,812,940	4,202	5,817	47,953	1,648,186	307,437	4,644,412	2,788,789	3,420	2,730	222	425	43	13
35,043	36,611	227,128	10,134	38,181	4,812	909,398	23,160	1,431,768	439,211	1,132	990	79	1	53	14
27,179	17,402	193,545		18,638	2,327	350,788	16,234	684,266	317,244	873	558	54		264	15
453,947	674,631	2,955,280	3,173	39,606	364,949	6,398,104	169,140	14,814,013	8,246,714	9,610	7,931	269	75	1,344	16
193,557	178,980	1,277,854	7,082	19,825	112,142	1,853,201	85,849	4,558,321	2,619,271	2,906	2,613	54		230	17
717,416	1,131,871	4,065,638	17,762	48,515	531,319	134,392,070	1,363,245	148,959,944	13,214,629	48,968	46,650	1,384		934	18
294,801	376,028	2,466,693	40,000	2,510	48,396	5,340,829	236,567	11,328,677	5,752,281	9,705	9,053	50	50	642	19
104,419	201,470	1,175,569	23,589	35,121	24,969	2,701,600	50,211	5,008,880	2,248,099	4,064	2,805	767		492	20
156,113	137,281	800,733	193,929	23,422	246,943	1,993,805	96,008	4,465,201	2,375,388	2,998	2,560	7	1	424	21
131,978	95,107	1,910,277	385,824	78,298	133,265	2,736,284	94,042	6,601,166	3,770,840	2,209	1,294	21		984	22
270,089	448,459	1,402,478	235,359	76,137	38,844	9,936,209	108,474	13,060,963	3,016,280	2,455	1,317	634		504	23

¹ Same number reported for one or more other months.

² Same number reported throughout the year.

NEW MEXICO.

By MARGARET L. BROOKS.

GENERAL STATISTICS.

General character of the state.—The state has an area of 122,634 square miles, of which 122,503 represent land surface. The population of the state in 1900 was 195,310, and in 1910, 327,301, and its estimated population in 1914 was 383,551. In respect to area New Mexico ranked fourth and in respect to population forty-fourth in 1910. In point of density of population it ranked forty-fifth in that year, with 2.7 inhabitants per square mile; the corresponding number in 1900 was 1.6.

The urban population in 1910—that is, the population residing in incorporated places of 2,500 inhabitants or more—was 46,571, or 14.2 per cent of the total, as against 14 per cent in 1900. Albuquerque is the only city in the state estimated to have more than 10,000 inhabitants. In 1914 the estimated population of the city formed 3.4 per cent and the value of its manufactured products 20.5 per cent of the total for the state.

The surface of New Mexico in part is mountainous and in part consists of elevated plateaus. The state is traversed from north to south by the Rocky Mountains and by the valleys of the Rio Grande and the Pecos. The rainfall is scanty, being insufficient for

the needs of agriculture, but much of the soil is fertile and capable of becoming productive when irrigated. In 1910 only 14.4 per cent of the total land area was in farms, and but 13 per cent of the farm land, or less than 2 per cent of the total land area, was improved.

The mineral products of New Mexico in 1914, according to the annual report of the United States Geological Survey, were valued at \$18,072,919. The leading product was copper, in the output of which the state ranked sixth in that year.

Importance and growth of manufactures.—In 1914, measured by the value of products of its manufacturing industries, \$9,320,067, New Mexico ranked forty-ninth among the states, and, with an average of 3,776 wage earners engaged in such industries, the state ranked forty-sixth in this respect. In 1909 the state ranked forty-eighth in value of products and forty-fifth in average number of wage earners.

Table 1 summarizes the more important data relative to all classes of manufactures combined in the state, for the censuses of 1914, 1909, 1904, and 1899, and gives percentages of increase from census to census.

Table 1	MANUFACTURING INDUSTRIES.				PER CENT OF INCREASE. ¹		
	1914	1909	1904	1899	1909-1914	1904-1909	1899-1904
Number of establishments	368	313	199	174	17.6	57.3	14.4
Persons engaged	4,594	4,766	3,801	(2)	-3.6	22.5	.....
Proprietors and firm members	325	288	180	(2)	12.8	52.4	.....
Salaried employees	403	335	224	88	47.2	49.0	.....
Wage earners (average number)	3,776	4,143	3,478	2,490	-8.9	19.1	30.7
Primary horsepower	15,068	15,465	5,948	3,658	1.3	160.0	62.0
Capital	\$8,983,679	\$7,742,617	\$4,638,248	\$2,100,718	10.0	66.9	114.7
Salaries and wages	3,272,601	2,974,635	2,416,882	1,290,188	10.0	23.1	87.3
Salaries	577,243	353,256	263,814	90,692	50.6	45.3	190.9
Wages	2,695,448	2,591,379	2,153,068	1,199,496	4.0	20.4	70.5
Paid for contract work	285,838	125,405	62,065	(2)	127.9	99.2	.....
Rent and taxes (including internal revenue)	137,098	92,898	60,765	(2)	47.6	.....	.....
Cost of materials	4,430,134	3,261,043	2,235,934	1,008,593	35.9	45.8	11.9
Value of products	9,320,067	7,897,750	5,705,880	4,060,924	18.0	38.4	40.5
Value added by manufacture (value of products less cost of materials)	4,889,933	4,636,713	3,469,946	2,062,331	5.5	33.6	68.3

¹ A minus sign (—) denotes decrease; percentages are omitted where base is less than 100, or where comparable figures can not be given.
² Figures not available.
³ Exclusive of internal revenue.

During the 15 years covered by Table 1 the value of the manufactured products of the state more than doubled, and large increases are shown for most of the items for which figures are given. Of the three five-year periods, the greatest development occurred from 1904 to 1909. Although there was a decrease in the number of wage earners from 1909 to 1914, the amount paid for wages increased 4 per cent. The increase of 127.9 per cent in the amount paid for contract work is

due chiefly to changes in methods of operation in the lumber and timber and printing industries. In the former industry a much larger amount of work was done under contract in the production of crossties, posts, poles, and similar products during 1914 than in former census years. In the printing industry the number of establishments showing contract work increased considerably in the five-year period 1909-1914, some newspapers reporting the entire cost of printing as con-

tract work. The value added by manufacture, although greater in amount at each of the successive censuses, shows a much smaller percentage of increase—68.3 per cent from 1899 to 1904, 33.6 per cent from 1904 to 1909, and 5.5 per cent from 1909 to 1914.

Table 2 shows the relative importance of the leading manufacturing industries in 1914, and gives percentages of increase for the three five-year periods from 1899 to 1914.

INDUSTRY.	CENSUS OF 1914.						PER CENT OF INCREASE. ¹									
	Number of establishments.	Wage earners.		Value of products.		Value added by manufacture.		Wage earners (average number).			Value of products.			Value added by manufacture.		
		Average number.	Per cent distribution.	Amount.	Per cent distribution.	Amount.	Per cent distribution.	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904	1909-1914	1904-1909	1899-1904
All industries.....	368	3,776	100.0	\$9,320,067	100.0	\$4,880,933	100.0	-8.9	19.1	30.7	18.0	38.4	40.5	5.5	33.6	68.3
Cars and general shop construction and repairs by steam-railroad companies.....	15	1,922	50.9	3,139,411	33.7	1,757,352	35.9	20.1	-10.7	57.1	39.4	-10.3	134.8	30.4	-7.0	128.5
Lumber and timber products.....	60	642	17.0	1,043,291	17.0	1,152,241	23.6	-59.5	26.1	83.7	-24.0	50.7	212.6	-27.3	41.9	257.7
Printing and publishing.....	107	258	6.8	577,936	6.2	484,271	9.9	-8.8	89.9	4.9	-1.9	99.7	49.0	3.4	66.0	46.3
Flour-mill and gristmill products.....	17	29	0.8	424,501	4.6	87,415	1.8	.....	.....	.....	-8.0	19.1	-0.8	-18.5	42.1	-20.0
Bread and other bakery products.....	45	89	2.4	411,824	4.4	109,973	3.5	.....	.....	.....	61.5	78.9	23.0	44.1	81.5	-4.4
Ice, manufactured.....	15	73	2.0	231,710	2.5	179,030	3.7	.....	.....	.....	61.1	71.4	7.7	76.5	50.0	7.9
Brick.....	5	149	3.9	218,649	2.3	154,050	3.2	.....	.....	.....	78.0	51.9	5.2	70.3	44.4	8.6
Butter.....	0	10	0.3	217,002	2.3	77,537	1.6	.....	.....	.....	.....	.....	.....	.....	.....	.....
All other industries.....	98	601	15.9	2,455,053	26.4	826,864	16.9	.....	.....	.....	.....	.....	.....	.....	.....	.....

¹ Percentages are based on figures in Table 16; a minus sign (-) denotes decrease; percentages are omitted where base is less than 100, or where comparable figures can not be given.

Separate statistics are presented for eight industries or industry groups, for each of which products valued at more than \$200,000 were reported for 1914. These industries include two with products exceeding \$1,000,000. Among those included under the head of "all other industries," are two—coke, not including gas-house coke, and wool scouring—which have products exceeding in value some for which figures are shown in the table, the statistics for which can not be shown separately without the possibility of disclosing the operations of individual establishments.

The industries in this table are arranged in the order of their importance by value of products in 1914, and, with the exception of butter, they ranked the same in 1909. Based on the average number of wage earners or value added by manufacture, this arrangement would vary slightly. Ice, manufactured, sixth in value of products and average number of wage earners among the industries shown in the table, is fourth in value added by manufacture. Flour-mill and gristmill products, which is fourth in value of products, is seventh in number of wage earners and value added by manufacture. Most of the work in flour mills and gristmills is done by machinery, and comparatively few wage earners are required. The cost of materials is relatively larger than for other industries and the value added by manufacture, as compared with the corresponding value for the majority of industries, is very small.

Cars and general shop construction and repairs by steam-railroad companies.—This is the most important manufacturing industry in New Mexico, not only as to value of products but also in number of wage earners employed. During the five-year period 1909-1914 the number of wage earners increased 29.1 per cent and

the value of products 39.4 per cent, as compared with a decrease of 10.7 and 10.3 per cent, respectively, during the previous five-year period 1904-1909.

Lumber and timber products.—This industry embraces the operations of sawmills, planing mills, and logging camps. Notwithstanding the decrease shown for the period from 1909 to 1914, the industry ranked second in value of products, value added by manufacture, and number of wage earners employed in 1914.

Printing and publishing.—The majority of establishments in this industry are small newspaper and job printing offices, which employ few or no wage earners. Although there was a decrease during the period from 1909 to 1914 in the average number of wage earners, cost of materials, and value of products, the industry was third in importance in 1914.

Flour-mill and gristmill products.—The statistics for this industry do not include data for the small mills engaged exclusively in grinding cereals for customers or consumption in the immediate neighborhood. During the period 1909-1914 there were increases in the number of establishments and average number of wage earners but a decrease of 8 per cent in value of products.

Persons engaged in manufacturing industries.—Table 3 shows, for 1909 and 1914, the number of persons engaged in manufactures, distributed by sex, the average number of wage earners being distributed also by age. The sex and age classification of the average number of wage earners in this and other tables is an estimate obtained by the method described in the "Explanation of terms."

Practically all of the wage earners engaged in the manufactures of the state were males over 16 years of age. In 1914 there were only 23 wage earners reported under 16 years of age.

Table 3

CLASS.	Cen- sus year.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.					CLASS.	Cen- sus year.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.				
		Total.	Male.	Fe- male.	Per cent of total.				Total.	Male.	Fe- male.	Per cent of total.	
					Male.	Fe- male.						Male.	Fe- male.
All classes.....	1914 1909	4,594 4,766	4,481 4,650	113 107	97.5 97.8	2.5 2.2	Clerks and other subordinate salaried employees.	1914 1909	249 177	211 161	38 16	84.7 81.0	15.3 9.0
Proprietors and officials.....	1914 1909	569 446	551 440	18 6	96.8 98.7	3.2 1.3	Wage earners (average number).....	1914 1909	3,776 4,143	3,719 4,058	57 85	98.5 97.9	1.5 2.1
Proprietors and firm members...	1914 1909	325 288	308 282	17 6	94.8 97.9	5.2 2.1	16 years of age and over.....	1914 1909	3,763 4,077	3,690 3,995	57 82	98.5 98.0	1.5 2.0
Salaried officers of corporations...	1914 1909	47 41	47 41	..... .....	100.0 100.0	..... .....	Under 16 years of age.....	1914 1909	23 60	23 63	..... 3	100.0 95.5	..... 4.5
Superintendents and managers...	1914 1909	167 117	196 117	1	99.5 100.0	0.5							

Table 4 shows, for the several classes of persons engaged in manufactures, the percentages of increase from 1909 to 1914 and the per cent distribution at the two censuses.

Table 4

CLASS.	PERSONS ENGAGED IN MANUFACTURING INDUSTRIES.								
	Per cent of increase, 1909-1914.			Per cent distribution.					
	Total.	Male.	Female.	Total.		Male.		Female.	
				1914	1909	1914	1909	1914	1909
All classes.....	-3.0	-3.8	5.0	100.0	100.0	100.0	100.0	100.0	100.0
Proprietors and officials.....	27.6	25.2	.....	12.4	9.4	12.3	9.4	15.9	5.6
Proprietors and firm members.....	12.8	9.2	.....	7.1	6.0	6.0	6.1	15.0	5.6
Salaried officers of corporations.....	.....	.....	.....	1.0	0.9	1.0	0.9	.....	.....
Superintendents and managers.....	68.4	67.5	.....	4.3	2.5	4.4	2.5	0.9	.....
Clerks and other subordinate salaried employees.....	40.7	31.1	.....	5.4	3.7	4.7	3.5	33.6	15.0
Wage earners (average number).....	-8.9	-8.4	.....	82.2	86.9	83.0	87.1	50.4	79.4
16 years of age and over.....	-7.9	-7.5	.....	81.7	85.5	82.5	85.7	50.4	76.6
Under 16 years of age.....	.....	.....	.....	0.5	1.4	0.5	1.4	.....	2.8

¹ A minus sign (-) denotes decrease; percentages are omitted where base is less than 100.

While the total number of employees decreased, the table shows increases for the five-year period for each of the several classes of employees, with the exception of average number of wage earners, which decreased by 8.9 per cent. Wage earners over 16 years of age formed 81.7 per cent of the total number of persons engaged in the manufactures of the state in 1914 and 85.5 per cent in 1909. So few females were employed in the different classes that percentages of increase are not shown. Of the males reported in 1914, 83 per cent were employed as wage earners, while only 50.4 per cent of the females were included in this class.

The average number of wage earners employed, for all industries combined, with the per cent distribution as males 16 years of age and over, females 16 years of age and over, and children under 16 years of age, is given in Table 5, for 1914, 1909, and 1904. The table also shows, for some of the important industries separately, a similar distribution of wage earners for 1914 and 1909.

For all industries combined, the proportion of male wage earners 16 years of age and over showed a decrease from 1904 to 1909 and an increase from 1909 to 1914.

Of the six industries for which separate figures are given in this table, two show an increase from 1909 to 1914 in the proportion of males and two an in-

crease in proportion of females and children under 16 years of age. Two of the industries that gave employment to children under 16 years of age in 1909 reported no wage earners of this class in 1914.

Table 5

INDUSTRY.	Census year.	WAGE EARNERS.			
		Average number. ¹	Per cent of total.		
			16 years of age and over.		Under 16 years of age.
		Male.	Fe- male.		
All industries.....	1914 1909 1904	3,776 4,143 3,478	97.9 96.4 97.4	1.5 2.0 1.5	0.6 1.6 1.1
Bread and other bakery products.....	1914 1909	89 54	88.8 94.4	0.7 3.7	4.5 1.9
Cars and general shop construction and repairs by steam-railroad companies.	1914 1909	1,022 1,489	100.0 100.0	..........	..........
Flour-mill and gristmill products.....	1914 1909	29 28	100.0 96.4	..... .....	..... 3.6
Ice, manufactured.....	1914 1909	76 50	100.0 100.0	..........	..........
Lumber and timber products.....	1914 1909	642 1,475	99.8 97.3	0.2 .....	..... 2.7
Printing and publishing.....	1914 1909	258 283	79.8 80.2	14.3 14.8	5.8 4.9
All other industries.....	1914 1909	760 704	97.8 93.7	1.7 5.0	0.5 1.3

¹ For method of estimating the distribution, by sex and age periods, of the average number in all industries combined, see "Explanation of terms."

Wage earners employed, by months.—Table 6 gives, for all industries combined, the total number of wage earners employed on the 15th of each month, or the nearest representative day, for 1914 and 1909, and the average number employed during each month in 1904, together with the percentage which the number reported for each month forms of the greatest number reported for any month in the same year.

MONTH.	WAGE EARNERS IN MANUFACTURING INDUSTRIES.					
	Number. ¹			Per cent of maximum.		
	1914	1909	1904	1914	1909	1904
January.....	3,621	3,666	3,238	80.8	79.9	84.3
February.....	3,623	3,616	3,127	80.9	78.8	81.5
March.....	3,605	3,775	3,568	89.4	82.2	91.4
April.....	3,894	3,965	3,411	94.3	86.4	88.0
May.....	3,926	4,103	3,467	97.4	89.4	90.3
June.....	3,892	4,142	3,492	96.5	90.2	91.0
July.....	4,032	4,389	3,495	100.0	95.6	91.0
August.....	3,027	4,532	3,606	97.4	98.7	93.0
September.....	3,846	4,591	3,839	95.4	100.0	100.0
October.....	3,816	4,346	3,477	94.6	94.7	90.6
November.....	3,600	4,320	3,649	89.4	94.1	95.1
December.....	3,614	4,273	3,427	89.6	93.1	89.3

¹ The figures for 1914 and 1909 represent the number employed on the 15th of each month, or the nearest representative day; those for 1904, the average number employed during the month.

For 1904 and 1909 the fall months show the greatest activity in the combined industries of the state, the maximum number of wage earners being employed in September and the minimum number in February for both years. In 1914 the maximum number (4,032) was employed in July and the minimum (3,605) during March.

The number of wage earners reported for each month in 1914 indicate greater stability of employment than during either 1904 or 1909; in 1914 the minimum number formed 89.4 per cent of the maximum, as compared with 78.8 per cent and 81.5 per cent for 1909 and 1904, respectively. The greatest difference between the maximum and minimum numbers in any one of the three census years was 975 in 1909.

Table 7 gives the total average number of wage earners employed during 1914, together with the total number employed on the 15th of each month, or the nearest representative day, for the combined industries of the state, for a number of selected industries, and for the total industries of Albuquerque, the only city in the state having a population of more than 10,000.

INDUSTRY AND CITY.	Average number employed during year.	Number employed on 15th day of month or nearest representative day.												Per cent minimums of maximum.
		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
		All industries.....	3,776	3,621	3,623	3,605	3,804	3,926	3,892	4,032	3,027	3,846	3,816		3,600	3,614	89.4
Bread and other bakery products.....	80	<i>84</i>	<i>84</i>	88	88	90	91	100	91	88	88	88	88	84.0
Cars and general shop construction and repairs by steam-railroad companies.....	1,922	1,905	1,874	1,803	1,013	1,071	1,855	1,855	1,864	1,920	1,994	2,003	2,063	88.9
Flour-mill and gristmill products.....	29	29	29	24	22	10	16	22	30	38	48	37	34	33.3
Ice, manufactured.....	78	55	46	64	74	88	66	125	136	103	63	44	38	25.7
Lumber and timber products.....	642	535	642	621	611	631	703	755	787	741	703	610	592	90.6
Printing and publishing.....	258	251	253	255	257	258	269	258	259	250	261	263	262	95.1
All other industries.....	700	782	795	787	859	869	890	917	700	694	650	591	597	61.2
ALBUQUERQUE.....	847	826	850	807	818	803	788	811	810	862	889	917	976	80.7

Of the industries for which separate figures are given in this table, the greatest stability of employment is shown for printing and publishing and cars and general shop construction and repairs by steam-railroad companies. The proportion which the minimum formed of the maximum number in these industries was 95.4 and 88.9 per cent, respectively. The manufacture of ice shows the greatest degree of fluctuation of employment, the number of wage earners reported for January being 25.7 per cent of the number in August. In Albuquerque there was a slight fluctuation in the number of wage earners employed each month as the minimum number (788) reported for June formed 80.7 per cent of the maximum number (976) reported for December.

Prevailing hours of labor.—In Table 8 the average number of wage earners employed for 1914 and 1909, for all industries combined and for selected indus-

tries, have been classified according to the number of hours of labor per week prevailing in the establishments in which they were employed. A similar classification is given, for 1914 only, for all industries combined for the city of Albuquerque. The number employed in each establishment is classified as a total, even though a few employees worked a greater or less number of hours.

The total for all industries combined indicates a shortening of the hours of labor. In 1914, 2,586 wage earners, or 68.5 per cent of the total number, were employed in establishments where the prevailing hours of labor were 60 or more per week, as compared with 3,173, or 76.6 per cent, in 1909. In the city of Albuquerque, in 1914, only 23 per cent of the wage earners were employed in establishments where the prevailing hours were 60 or more per week.

Table 8

INDUSTRY AND CITY.	Census year.	AVERAGE NUMBER OF WAGE EARNERS.								
		Total.	In establishments where the prevailing hours of labor per week were—							
			48 and under.	Between 48 and 54.	54.	Between 54 and 60.	60.	Between 60 and 72.	72.	Over 72.
All industries.....	1914 1909	3,776 4,143	367 356	8 294	247 230	568 230	1,317 3,074	1,195 31	13 25	61 45
Bread and other bakery products.....	1914 1909	80 54	10 10	1	12 7	5 3	48 31	10	3 3	
Cars and general shop construction and repairs by steam-railroad companies.....	1914 1909	1,022 1,480			35 34	477	230 1,190	1,171		
Flour-mill and gristmill products.....	1914 1909	29 28			4		20 10	3 12	2	
Ice, manufactured.....	1914 1909	76 50				2	3 3	9 18	3	50 20
Lumber and timber products.....	1914 1909	642 1,475	116 148		80 19	2	444 1,291		1	
Printing and publishing.....	1914 1909	258 283	178 141	1 13	41 79	20 18	9 32			
All other industries.....	1914 1909	760 764	63 51	6	75 91	53 60	551 517	2	5 22	2 14
ALBUQUERQUE.....	1914	847	91	1	34	526	49	139		7

Character of ownership.—Table 9 presents statistics concerning character of ownership, or legal organization, of manufacturing enterprises. For all industries combined, comparative figures are given for 1914, 1909, and 1904. For the city of Albuquerque, the figures relate only to 1914.

This table shows, for all industries combined, an increase during the decade in the number of establishments throughout the state under each form of ownership, with the exception of the "all other" class, which shows a decrease from 1909 to 1914. The greatest proportion of the establishments is shown for those under individual ownership; but in value of products and average number of wage earners, those owned by corporations greatly predominate. In 1914, although only 33.4 per cent of the establishments in the state were under corporate ownership, this class reported 79.2 per cent of the total value of products and 85.1 per cent of the total average number of wage earners. This condition also prevails in Albuquerque. Only 30.9 per cent of the establishments in the city are under corporate ownership, but the value of products equals 84 per cent and the number of wage earners 88.9 per cent of the total.

Table 9

CHARACTER OF OWNERSHIP AND CITY.	Census year.	Number of establishments.	WAGE EARNERS.		VALUE OF PRODUCTS.	
			Average number.	Per cent of total.	Amount.	Per cent of total.
All classes.....	1914 1909 1904	368 313 199	3,776 4,143 3,478	100.0 100.0 100.0	\$9,320,067 7,897,756 5,705,880	100.0 100.0 100.0
Individuals.....	1914 1909 1904	190 158 109	415 499 255	11.0 12.0 7.3	1,380,833 1,177,829 701,825	14.8 14.9 13.4
Corporations.....	1914 1909 1904	123 95 153	3,213 3,374 3,194	85.1 81.4 89.2	7,380,655 6,243,762 4,645,000	79.2 79.1 81.4
All others.....	1914 1909 1904	40 60 37	148 270 119	3.9 6.5 3.4	558,579 470,165 298,465	6.0 6.0 5.2
ALBUQUERQUE.....	1914	55	847	100.0	1,914,384	100.0
Individuals.....	1914	26	51	6.0	191,026	10.0
Corporations.....	1914	17	753	88.9	1,607,564	84.0
All others.....	1914	12	43	5.1	116,194	6.1

¹ Includes two establishments classified as "miscellaneous."

Size of establishments.—The tendency for manufacturing to become concentrated in large establishments, or the reverse, is indicated by the statistics given in Table 10.

Table 10

VALUE OF PRODUCT.	NUMBER OF ESTABLISHMENTS.			AVERAGE NUMBER OF WAGE EARNERS.			VALUE OF PRODUCTS.			VALUE ADDED BY MANUFACTURE.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904	1914	1909	1904
All classes.....	368	313	199	3,776	4,143	3,478	\$9,320,067	\$7,897,756	\$5,705,880	\$4,880,833	\$4,630,713	\$3,469,046
Less than \$5,000.....	179	143	94	225	221	100	398,269	329,169	212,673	200,874	243,159	159,787
\$5,000 to \$20,000.....	120	114	63	492	562	269	1,188,710	1,088,650	604,205	682,364	689,587	378,120
\$20,000 to \$100,000.....	47	43	35	617	778	537	1,859,508	1,996,506	1,385,931	913,393	1,062,426	724,668
\$100,000 and over.....	22	13	19	2,442	2,582	2,572	5,893,514	4,483,431	3,503,071	3,003,301	2,641,511	2,207,362
PER CENT DISTRIBUTION.												
All classes.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000.....	48.6	45.7	47.2	6.0	5.3	2.9	4.3	4.2	3.7	5.9	5.2	4.6
\$5,000 to \$20,000.....	32.6	36.4	31.7	13.0	13.6	7.7	12.5	13.8	10.6	14.0	14.9	10.9
\$20,000 to \$100,000.....	12.8	13.7	16.6	16.3	18.8	15.4	20.0	25.3	21.3	18.7	22.0	20.9
\$100,000 and over.....	6.0	4.2	4.5	64.7	62.3	74.0	63.2	56.8	61.4	61.4	57.0	63.6

¹ Includes the group "\$1,000,000 and over."

For 1914, 22 establishments, or 6 per cent of the total number of the state, each reported products exceeding \$100,000 in value, as compared with 13, or 4.2 per cent of the total, in 1909, and 9, or 4.5 per cent, in 1904. For 1914 these establishments reported an average of 2,442 wage earners, or 64.7 per cent of the total for the state, 63.2 per cent of the total value of products, and 61.4 per cent of the total value added by manufacture. In the same year the small establishments—those having products of less than \$5,000 in value—represented 48.6 per cent of

the total number of establishments but reported only 4.3 per cent of the total value of products. For the establishments having products valued at \$100,000 and over, the proportion of the total shows an increase over the previous censuses, from 61.4 per cent in 1904 to 56.8 per cent in 1909 and 63.2 per cent in 1914.

Table 11 shows the size of establishments in 1914 as measured by the average number of wage earners employed. The figures given are for all industries combined, for six of the more important industries and for the city of Albuquerque.

Table 11

INDUSTRY AND CITY.	TOTAL.		ESTABLISHMENTS EMPLOYING—												
	Estab-lish-ments.	Wage earners (average number).	No. wage earners.	1 to 5 wage earners.		6 to 20 wage earners.		21 to 50 wage earners.		51 to 100 wage earners.		101 to 250 wage earners.		251 to 500 wage earners.	
			Estab-lish-ments.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.	Estab-lish-ments.	Wage earners.
All Industries.....	308	3,770	64	231	498	44	404	13	419	8	620	6	1,044	2	731
Bread and other bakery products.....	45	89	7	36	72	2	17								
Cars and general shop construction and repairs by steam-railroad companies.....	15	1,022				2	17	3	122	4	322	4	730	2	731
Flour-mill and gristmill products.....	17	29	3	14	29										
Ice, manufactured.....	15	76	1	11	29	2	25	1	22						
Lumber and timber products.....	60	642	1	35	85	13	182	3	86	2	141	1	148		
Printing and publishing.....	107	258	37	59	123	10	113	1	22						
All other industries.....	109	700	15	76	160	10	110	5	167	2	167	1	166		
ALBUQUERQUE.....	55	847	10	30	67	10	101	3	66			1	130	1	477

Table 12 presents, for 1914, percentages based on the figures in Table 11, and, for 1909, similar percentages for all industries combined and for individual industries in the state as a whole.

Table 12

INDUSTRY AND CITY.	Cen-sus year.	PER CENT OF TOTAL AVERAGE NUMBER OF WAGE EARNERS IN ESTABLISHMENTS EMPLOYING SPECIFIED NUMBER.							
		1 to 5	6 to 20	21 to 50	51 to 100	101 to 250	251 to 500	501 to 1,000	Over 1,000
All Industries.....	1914	13.2	12.3	11.1	16.4	27.6	19.4		
	1909	11.5	12.7	8.9	9.4	25.1	16.6		
Bread and other bakery products.....	1914	80.9	19.1						
	1909	83.3	16.7						
Cars and general shop construction and repairs by steam-railroad companies.....	1914		0.9	6.3	16.8	38.0	38.0		
	1909		1.0	2.3	18.1	34.2	44.5		
Flour-mill and gristmill products.....	1914	100.0							
	1909	100.0							
Ice, manufactured.....	1914	38.2	32.9	28.0					
	1909	56.0	44.0						
Lumber and timber products.....	1914	13.2	28.3	13.4	22.0	23.1			
	1909	8.7	16.7	16.1		12.3	46.3		
Printing and publishing.....	1914	47.7	43.8	8.5					
	1909	52.3	38.5	9.2					
All other industries.....	1914	21.1	14.5	22.0	20.7	21.8			
	1909	13.0	16.5	9.2	15.7	45.7			
ALBUQUERQUE.....	1914	7.9	11.9	7.8		16.1	56.3		

There were 64 establishments in the state in which no wage earners were employed. These are small establishments in which the work is done by the pro-

prietors or firm members. In some cases they employ a few wage earners for short periods, but the number is so small and the period so short that in computing the average number, as described in the "Explanation of terms," no wage earners could be shown for these establishments. The small establishments—those employing 1 to 20 wage earners—formed 74.7 per cent of the total for the state but gave employment to only 25.5 per cent of the wage earners reported. The industries shown in the table reported a majority of the establishments employing 1 to 20 wage earners, with the exception of the steam-railroad repair shops, which reported 40 per cent of the establishments employing more than 100 wage earners each. In Albuquerque 72.4 per cent of the wage earners were in the latter class.

Engines and power.—Table 13 shows, for 1914, 1909, and 1904, for all industries combined, the number and horsepower of engines or motors employed in generating power (including electric motors operated by purchased current). It also shows separately the number and horsepower of electric motors operated by current generated in the establishments reporting.

During the decade covered by this table the primary horsepower reported for the manufactures of the state more than doubled. Steam engines and turbines show an increase of 1,780 horsepower, and internal-combustion engines, an increase of 410 horsepower in 1914 over 1909.

Table 13

POWER.	NUMBER OF ENGINES OR MOTORS.			HORSEPOWER.					
				Amount.			Per cent distribution.		
	1914	1909	1904	1914	1909	1904	1914	1909	1904
Primary power, total.....	456	348	100	15,608	15,465	5,948	100.0	100.0	100.0
Owned.....	207	206	109	14,359	12,220	5,690	91.6	79.0	95.5
Steam engines and turbines ¹	152	159	74	13,581	11,781	5,417	89.6	76.2	91.1
Internal-combustion engines.....	52	43	23	775	305	114	4.9	2.4	1.9
Water wheels, turbines, and motors.....	3	4	12	23	74	149	0.1	0.5	2.5
Rented.....	249	142	(2)	1,309	3,245	268	8.4	21.0	4.6
Electric.....	249	142	(2)	1,309	3,245	268	8.4	21.0	4.6
Other.....						65			1.1
Electric.....	327	212		2,617	4,586	233	100.0	100.0	100.0
Rented.....	249	142	(2)	1,309	3,245	268	50.0	70.8	87.1
Generated by establishments reporting.....	78	70	1	1,308	1,341	30	50.0	29.2	12.9

¹ Figures for horsepower include for 1904 the amounts reported under the head of "other" owned power.

² Not reported.

Fuel.—Table 14 shows, for 1914, the quantity of each kind of fuel used, for which data were obtained, for all industries combined and for selected industries in the state as a whole and for all industries combined in Albuquerque.

INDUSTRY AND CITY.	COAL.					Oil, including gasoline (barrels).	Gas (1,000 cubic feet).
	An-thra-cite (tons, 2,240 lbs.).	Bitu-minous (tons, 2,000 lbs.).	Coke (tons, 2,000 lbs.).				
All industries.....	422	774,409	2,355	30,802	1,882		
Cars and general shop construction and repairs by steam-railroad companies.....		79,414	296	3,903			
Flour-mill and gristmill products.....		2,280		104			
Ice, manufactured.....	401	12,473	1,100	1,085			
Printing and publishing.....	20	104		198	1,094		
All other industries.....	1	680,138	959	25,452	238		
ALBUQUERQUE.....	266	23,420	520	2,044	1,167		

Laundries.—Statistics for power laundries are not included in the general tables or in the totals for manufacturing industries, but Table 15 summarizes these statistics for New Mexico for 1914 and 1909.

	POWER LAUNDRIES.		
	Number or amount.		Per cent of increase, ¹ 1909-1914.
	1914	1909	
Number of establishments.....	15	8	.....
Persons engaged.....	274	165	63.1
Proprietors and firm members.....	14	6	.....
Salaried employees.....	20	15	.....
Wage earners (average number).....	240	146	64.4
Primary horsepower.....	396	146	171.2
Capital.....	\$205,065	\$104,187	24.9
Salaries and wages.....	134,170	77,698	72.7
Salaries.....	29,444	12,455	136.4
Wages.....	104,732	65,243	60.5
Paid for contract work.....	200		.....
Rent and taxes.....	8,380	1,712	389.5
Cost of materials.....	49,719	20,481	142.8
Amount received for work done.....	280,373	156,419	79.2

¹ Percentages are omitted where base is less than 100.

GENERAL TABLES.

Table 16 gives, for 1914, 1909, and 1904, the number of establishments, average number of wage earners, primary horsepower, wages, cost of materials, and value of products for selected industries in the state.

TABLE 16.—COMPARATIVE SUMMARY FOR 1914, 1909, AND 1904.

INDUSTRY AND CITY.	Cen-sus year.	Num-ber of estab-lish-ments.	Wage earners (average number).	Primary horse-power.	Expressed in thousands.		
					Wages.	Cost of mate-rials.	Value of prod-ucts.
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES.							
All industries.....	1914	368	3,776	15,668	\$2,095	\$4,430	\$9,320
	1909	313	4,143	15,465	2,591	3,261	7,898
	1904	199	3,478	6,948	2,153	2,236	5,706
Bread and other bakery products.....	1914	45	89	48	59	242	412
	1909	32	54	26	43	154	272
	1904	27	33	6	21	87	152
Brick.....	1914	5	149	648	66	64	219
	1909	13	92	668	42	32	123
	1904	10	64	163	31	18	81
Cars and general shop construction and repairs by steam-railroad companies.....	1914	15	1,922	2,276	1,536	1,382	3,139
	1909	11	1,489	3,059	1,138	963	2,251
	1904	10	1,667	822	1,229	1,125	2,510
Flour-mill and gristmill products.....	1914	17	29	761	16	337	425
	1909	16	28	532	17	354	402
	1904	13	20	399	14	312	388
Ice, manufactured.....	1914	15	76	2,115	48	52	232
	1909	10	50	1,378	33	42	144
	1904	7	23	462	20	16	84
THE STATE—ALL INDUSTRIES COMBINED AND SELECTED INDUSTRIES—Continued.							
Lumber and timber products.....	1914	160	642	3,109	\$379	\$491	\$1,643
	1909	76	1,475	4,885	714	578	2,162
	1904	31	1,170	3,140	595	319	1,435
Printing and publishing.....	1914	107	258	252	183	94	578
	1909	93	233	1,230	174	121	539
	1904	256	149	103	93	55	295
All other industries.....	1914	104	611	6,459	408	1,768	2,072
	1909	92	672	3,687	430	1,017	1,895
	1904	45	343	853	180	304	761
CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.							
ALBUQUERQUE.....	1914	55	847	1,871	\$654	\$894	\$1,914
	1909	31	587	1,020	489	584	1,288

¹ Includes "lumber, planing-mill products, not including planing mills connected with sawmills."
² Excludes statistics for one establishment, to avoid disclosure of individual operations.

MANUFACTURES—NEW MEXICO.

TABLE 17.—DETAIL STATEMENT FOR THE STATE, BY INDUSTRIES,

INDUSTRY AND CITY.	Number of establishments.	PERSONS ENGAGED IN THE INDUSTRY.							WAGE EARNERS DEC. 15, OR NEAREST REPRESENTATIVE DAY.				Capital.		
		Total.	Proprietors and firm members.	Salaried officers, superintendents, and managers.	Clarks, etc.		Wage earners.			Total.	16 and over.			Under 16.	
					Male.	Female.	Average number.	Number, 15th day of—			Male.	Female.		Male.	Female.
								Maximum month.	Minimum month.						

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

1	All industries.....	308	4,594	325	244	211	35	3,776	Jy	4,032	Mh	3,005	(?)	(?)	(?)	(?)	\$3,983,670
2	Bread and other bakery products...	45	138	45	2	2	89	Jy	100	Fe ^a	84	88	78	6	4	.....	135,378
3	Brick.....	5	106	9	7	1	149	Au	176	No	119	158	158	.....	.....	.....	299,030
4	Butter.....	6	25	8	3	1	10	Je	19	De ^a	5	12	10	2	.....	.....	59,454
5	Cars and general shop construction and repairs by steam-railroad companies.	15	2,086	67	96	1	1,922	De	2,063	Je	1,833	2,063	2,063	.....	.....	.....	2,118,659
6	Confectionery and ice cream.....	14	55	15	6	2	6	26	.....	.....	.....	20	21	7	1	.....	49,995
7	Confectionery.....	4	23	3	4	1	3	12	Se	16	My ^a	10	14	11	3	.....	22,055
8	Ice cream.....	10	32	12	2	1	3	14	Oc	22	Fe ^b	12	15	10	4	.....	27,949
9	Copper, tin, and sheet-iron work.....	10	29	6	4	.....	.....	19	My	23	Ja	14	19	.....	.....	.....	44,611
10	Flour-mill and gristmill products.....	17	56	13	11	3	20	Oc	48	Je	16	38	38	.....	.....	.....	230,642
11	Ice, manufactured.....	16	101	4	13	5	3	70	Au	136	Ja	35	119	119	.....	.....	808,842
12	Jewelry.....	6	18	6	.....	.....	.....	12	My	16	Ap ^b	11	12	.....	.....	.....	12,323
13	Lumber and timber products.....	45	679	47	37	19	8	673	Au	718	Mh	458	790	790	.....	.....	854,527
14	Lumber, planing-mill products, not including planing mills connected with sawmills.	15	103	17	12	4	1	60	Je	73	Fe	61	76	75	1	.....	234,674
15	Mineral and soda waters.....	17	50	18	2	2	28	Au	37	Do ^a	21	28	26	2	51,170
16	Printing and publishing, job printing.....	5	24	6	2	1	15	No ^b	17	Do	2	17	13	4	10,519
17	Printing and publishing, newspapers and periodicals.	102	419	98	34	37	7	243	201	209	36	16	603,875
18	Printing and publishing.....	6	30	17	5	17	Je	18	My	10	17	11	6	60,410
19	Printing, publishing, and job printing.	87	372	70	32	31	7	220	Do	243	Ja	218	244	193	30	10	541,955
20	Publishing without printing.....	9	8	5	2	1	1,510
21	Saddlery and harness.....	8	21	6	1	14	No ^b	16	My	8	16	16	20,281
22	Tobacco, cigars.....	5	20	7	13	(*)	13	(*)	13	13	9	3	1	7,390
23	All other industries*	38	604	20	43	31	12	489	3,445,300

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

1	ALBUQUERQUE.....	55	1,008	54	45	54	8	847	Do	976	My	803	1,005	980	23	2	\$1,592,054
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* Owned power only.

* No figures given for reasons stated under "Explanation of terms."

*All other industries embrace—	2	Boots and shoes.....	1	Charcoal.....	1
Artificial stone products.....	2	Canning, vegetables.....	1	Coke, not including gas-house coke.....	3
Automobile repairing.....	1	Carriage and wagon materials.....	1	Food preparations, not elsewhere specified.....	2
Awnings, tents, and sails.....	1	Carriages, wagons, and repairs.....	5	Foundry and machine-shop products.....	2

MANUFACTURES—NEW MEXICO.

AND FOR CITIES OF 10,000 TO 50,000 INHABITANTS: 1914.

EXPENSES.								Value of products.	Value added by manufacture.	POWER.				
Salaries and wages.			For contract work.	Rent and taxes.		For materials.				Primary horsepower.				
Officials.	Clerks, etc.	Wage earners.		Rent of factory.	Taxes, including internal revenue and corporation income.	Principal materials.	Fuel and rent of power.			Total.	Steam engines. ¹	Internal-combustion engines.	Water wheels and motors. ¹	Electric (rented).	Electric horsepower generated in establishments reporting.

THE STATE—ALL INDUSTRIES COMBINED AND SPECIFIED INDUSTRIES.

\$303,065	\$213,278	\$2,005,448	\$235,838	\$66,313	\$70,785	\$3,379,845	\$1,050,289	\$9,320,067	\$4,889,933	15,608	13,561	775	23	1,300	1,308	1
17,270	1,404	58,855	4,971	11,483	1,652	231,837	10,014	411,824	169,973	48	698	8	5	40	50	2
3,820	8,160	65,675	1,102	1,294	10,344	53,655	218,049	218,049	154,650	648	20	5	31	50	3	3
111,886	92,179	1,535,661	1,153	1,102	1,153	1,270,525	1,567	3,139,411	1,757,352	2,276	2,241	86	5	31	840	4
5,750	3,845	15,200	200	7,070	572	51,187	1,405	132,677	80,025	35	8	8	16	27	3	6
4,400	2,060	6,430	200	2,500	244	21,518	715	52,231	29,998	9	5	5	7	9	3	7
1,350	1,785	8,779	50	4,510	328	20,669	760	80,446	50,027	26	8	8	18	18	7	8
3,725	985	11,483	50	985	323	21,179	559	50,205	28,467	12	5	5	7	7	7	9
8,030	1,832	15,652	500	1,680	2,344	322,972	14,114	424,501	87,415	701	570	40	16	135	75	10
13,182	2,578	47,594	200	12,100	7,639	8,542	43,538	231,710	179,630	2,115	1,010	50	2	155	75	11
60,780	10,820	324,060	200	612	32	7,885	113	19,940	12,442	2	2	11	2	2	355	12
11,553	2,500	54,818	1,550	2,852	1,409	307,264	5,927	411,736	98,545	654	179	44	431	431	13	14
2,200	1,500	13,900	620	2,110	523	18,948	860	72,588	52,780	26	8	9	14	14	2	15
2,475	440	8,360	1,375	1,375	268	5,070	390	41,045	35,585	13	63	2	13	13	16	16
43,419	45,073	174,671	15,891	17,716	5,868	78,363	9,842	536,891	448,686	239	63	2	174	174	17	17
42,569	2,700	3,865	2,040	456	52	4,229	339	16,147	11,570	8	62	2	7	7	18	18
850	42,118	170,806	5,925	17,220	5,816	72,884	9,503	510,285	427,898	231	62	2	167	167	19	19
1,050	255	7,926	40	1,250	75	24,177	154	49,523	25,102	4	4	4	4	4	20	20
78,825	31,277	336,854	5,074	4,255	33,155	996,979	796,532	2,104,745	612,234	6,324	5,596	502	226	226	24	23

CITIES OF 10,000 TO 50,000 INHABITANTS—ALL INDUSTRIES COMBINED.

68,292	58,680	654,122	15,428	13,997	19,770	831,747	62,535	1,014,384	1,020,102	1,871	1,307	36	468	401	1
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³ Same number reported for one or more other months.

⁴ Same number reported throughout the year.

Furniture.....	1	Liquors, malt.....	2	Smelting, copper.....	1
Gas, illuminating and heating.....	2	Liquors, vinous.....	2	Trunks and valises.....	1
Lime.....	2	Marble and stone work.....	1	Wall plaster.....	2
Liquors, distilled.....	1	Slaughtering and meat packing.....	1	Wool scouring.....	2